

Permit Number: EPR/BV4177IS
Facility: Volac Felinfach

Operator: Volac Whey Nutrition Ltd
Form Number: Air1 / 30/01/2026

Reporting of emissions to air for the period from 01/01/2025 to 31/12/2025

Emission Point	0B Substance / Parameter	Emission Limit Value	Reference Period	Monitoring frequency	Result 0F ¹	Test Method 1F ²	Sample Date and Times 2F ³	Uncertainty 3F ⁴
A15a (Boiler 1)	1B Sulphur Dioxide (SO ₂)	30 mg/m ³	Periodic	Annual	*	BS EN 14791	*	*
	2B Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	250 mg/m ³	Periodic	Annual	*	BS EN 14792	*	*
	3B Total Particulate Matter (PM)	10 mg/m ³	Periodic	Annual	*	BS EN 13284-1	*	*
	4B Carbon Monoxide (CO)	150 mg/m ³	Periodic	Annual	*	BS EN 15058	*	*
See Operators Comment	5B Carbon Monoxide (CO)	150 mg/m ³	Hourly average	Continuous Measurement	*	BS EN 14181 ⁵	*	*
A15b (Boiler 2)	1B Sulphur Dioxide (SO ₂)	30 mg/m ³	Periodic	Annual	*	BS EN 14791	*	*
	2B Oxides of Nitrogen (NO and NO ₂ expressed as NO ₂)	250 mg/m ³	Periodic	Annual	*	BS EN 14792	*	*
	3B Total Particulate Matter (PM)	10 mg/m ³	Periodic	Annual	*	BS EN 13284-1	*	*
	4B Carbon Monoxide (CO)	150 mg/m ³	Periodic	Annual	*	BS EN 15058	*	*
See Operators Comment	5B Carbon Monoxide (CO)	150 mg/m ³	Hourly average	Continuous Measurement	*	BS EN 14181 ⁶	*	*

¹ 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.

² 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.

³ 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.

⁴ The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

A1	Dust	10 mg/Nm3*	Periodic	Annual	¹ 2.8	EN 13284-1	16/12/2025	0.60 (MU)+/-
A4	Dust	10 mg/Nm3*	Periodic	Annual	See Operators Comment	EN 13284-1	N/A	N/A
A8	Dust	10 mg/Nm3*	Periodic	Annual	¹ 8	EN 13284-1	16/12/2025	0.72 (MU)+/-
A9	Dust	10 mg/Nm3*	Periodic	Annual	¹ 3.4	EN 13284-1	16/12/2025	0.42 (MU)+/-
A10	Dust	10 mg/Nm3*	Periodic	Annual	¹ 0.67	EN 13284-1	16/12/2025	0.40 (MU)+/-
A11	Dust	10 mg/Nm3*	Periodic	Annual	See Operators Comment	EN 13284-1	N/A	N/A
A20	Dust	10 mg/Nm3*	Periodic	Annual	See Operators Comment	EN 13284-1	N/A	N/A

Operator's comments:

¹ Reference Conditions (REF) are: 273K, 101.3kPa, without correction for water vapour content. Results shown are in **mg/m3** for A1, A8, A9 & A10

A4 Out of Commission Foods Dryer – This emission point was reviewed during the last NRW compliance visit and is to be removed from the permit in the next variation.

A11 Reverse Jet unit (Dust Control Equipment) located on top of a silo to stop powder escaping when being blown into the silo – no general volumetric throughput present. This emission point was reviewed during the last NRW compliance visit and is to be removed from the permit in the next variation.

A15 This emission point has feeds from 2 Boilers both of which are monitored separately (15a & 15b)

A20 This emission point has no external emission and was reviewed during the last NRW compliance visit. The emission point is to be removed from the permit in the next variation.

* Delayed emissions testing – samples taken on 26/01/2026. Extension requested.



Signed
(Authorised to sign as representative of Operator)


Date...30/01/2026.....

Permit Number: EPR/BV4177IS
 Facility: Volac Felinfach

Operator: Volac Whey Nutrition Ltd
 Form Number: Water1 / 05/01/2026

Reporting of emissions to water (other than to sewer) and land for the period from 01/01/2025 to 31/12/2025

Monthly visual inspection of discharge to waterway W1 and W2						
Emission Point	Permit Limit	Test Method	Month	Result	Inspection Date	Name
W1	Visible solids, oil or grease	Visual check	January	Free of any of the stated substances.	22-Jan-25	Robbie Evans
			February	Free of any of the stated substances.	11-Feb-25	Robbie Evans
			March	Free of any of the stated substances.	31-Mar-25	Robbie Evans
			April	Free of any of the stated substances.	16-Apr-25	Robbie Evans
			May	Free of any of the stated substances.	6-May-25	Pete Malvern
			June	Free of any of the stated substances.	3-Jun-25	Pete Malvern
			July	Free of any of the stated substances.	4-Jul-25	Pete Malvern
			August	Free of any of the stated substances.	4-Aug-25	Pete Malvern
			September	Free of any of the stated substances.	1-Sep-25	Pete Malvern
			October	Free of any of the stated substances.	3-Oct-25	Pete Malvern
			November	Free of any of the stated substances.	11-Nov-25	Pete Malvern
			December	Free of any of the stated substances.	5-Dec-25	Pete Malvern
W2	Visible solids, oil or grease	Visual check	January	Free of any of the stated substances.	22-Jan-25	Robbie Evans
			February	Free of any of the stated substances.	11-Feb-25	Robbie Evans
			March	Free of any of the stated substances.	31-Mar-25	Robbie Evans
			April	Free of any of the stated substances.	16-Apr-25	Robbie Evans
			May	Free of any of the stated substances.	6-May-25	Pete Malvern
			June	Free of any of the stated substances.	3-Jun-25	Pete Malvern
			July	Free of any of the stated substances.	4-Jul-25	Pete Malvern
			August	Free of any of the stated substances.	4-Aug-25	Pete Malvern
			September	Free of any of the stated substances.	1-Sep-25	Pete Malvern
			October	Free of any of the stated substances.	3-Oct-25	Pete Malvern
			November	Free of any of the stated substances.	11-Nov-25	Pete Malvern
			December	Free of any of the stated substances.	5-Dec-25	Pete Malvern

Signed 
 (Authorised to sign as representative of Operator)

Date...30/01/2026.....

Permit Number: EPR/BV4177IS
Facility: Volac Felinfach

Operator: Volac Whey Nutrition Ltd
Form Number: Performance1 / 16/01/2026

Reporting of other performance indicators for the period 01/01/2025 to 31/12/2025

Parameter	Quantity	Units
Total production	53815	tonnes

Operator's comments:

Genesis Dryer 27019 tonnes
Aeron Dryer 10147 tonnes
Lactose Dryer 16649 tonnes



Signed
(Authorised to sign as representative of Operator)

Date...30/01/2026.....

Permit Number: EPR/BV4177IS
Facility: Volac Felinfach

Operator: Volac Whey Nutrition Ltd
Form Number: S1 / 06/01/2026

Reporting of Emissions to Sewer for the period 01/01/2025 to 31/12/2025

Emissions to Sewer							
Emission Point	Substance / Parameter	Emission Limit Value	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Accreditation/ Certification ^[4] Lab. analysis by: ALS Environmental/UKAS	Uncertainty ^[5]
S1	Biological oxygen demand	10,000 mg/l ^[6]	1790	WAS001	February 2025	MCERTS	95% confidence
S1	Chemical oxygen demand	22,162 mg/l ^[6]	3290	WAS040	March 2025	MCERTS	95% confidence
S1	Copper	1.0 mg/l ^[6]	0.55	WAS036	July 2025	ISO/IEC 17025	95% confidence
S1	Lead	1.0 mg/l ^[6]	0.41	WAS036	April 2025	ISO/IEC 17025	95% confidence
S1	Nitrogen, Total Oxidised as N	50 mg/l ^[6]	0.44	WAS036	August 2025	ISO/IEC 17025	95% confidence
S1	Phosphate as P	No limit set	89.6	WAS076	June 2025	ISO/IEC 17025	95% confidence
S1	Suspended solids	3,324 mg/l ^[6]	165	WAS006	January 2025	MCERTS	95% confidence
S1	Flow	No limit applies to flow	1735 m ³	meter	08 December 2025	MCERTS	+/- 0.2%

[1] 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.

[2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Agency is used, then the appropriate identifier is given. In other cases, the principal technique is stated, e.g. colorimetry.

[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements, or flow/time proportional samples, the percentage of the process operating time covered by the monitoring is given.

[4] The accreditation status of the equipment and/or the monitoring organisation, as appropriate, for the methods used for both sampling and analysis.

[5] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated. The following uncertainties are quoted on a different basis (basis as stated) – {The basis of any other uncertainty figure needs to be stated. Where no figure is available the Agency will need to agree an appropriate uncertainty value.}

[6] The emission limit values for biological oxygen demand, cadmium and its compounds, chemical oxygen demand, copper, lead, mercury and its compounds, nitrogen, phosphate and suspended solids are expressed as a maximum individual value.

Signed Date...30/01/2026.....
 (Authorised to sign as representative of the Operator)

Permit Number: EPR/BV41771S
Facility: Volac Felinfach

Operator: Volac Whey Nutrition Ltd
Form Number: R1 / 22/01/2026

Reporting of Waste Disposal and Recovery for the period 01.01.25 to 31.12.25

Waste Description	Disposal (Tonnes)	Recovery (Tonnes)
1) Hazardous Wastes		
Named haz. Waste	56.019	2.15
Other hazardous wastes	-	-
Total hazardous waste	56.019	2.15
2) Non-Hazardous Wastes		
Named non-haz. Waste	200.77	135051.138
Other non-hazardous wastes	-	-
Total non-hazardous waste	200.77	135051.138
Total Waste	256.789	135053.288

Trends in Waste Disposal and Recovery			
Year	Route	Total Waste (Tonnes)	Waste per unit output
2022	Disposal	81.25	0.00139
2022	Recovery	35.52	0.0006
2023	Disposal	73.82	0.0014
2023	Recovery	44.81	0.0008
2024	Disposal	18.274	0.0003
2024	Recovery	104.897	0.0018
2025	Disposal	256.789	0.0048
2025	Recovery	135053.288	2.51

Operator's comments:

Trend: Workplace waste regulations introduced in April 2024 led to an increase in recovery and reduction of disposal
 2025 figures include additional waste streams (biomass plant bottom ash and APCr dispatched to landfill as well as wastes dispatched to AD)



Signed
 (Authorised to sign as representative of the Operator)

Date...30/01/2026.....

Permit Number: EPR/BV41771S
Facility: Volac Felinfach

Operator: Volac Whey Nutrition Ltd
Form Number: WU1 / 16/01/2026

Reporting of Water Usage for the period 01.01.25 to 31.12.25

Water Usage		
Water Source	Usage (m ³)	Specific Usage (m ³ /t)
Mains water	235,542	4.39
Site borehole	322,823	6.01
River abstraction	N/A	N/A
Total Water Usage	558,365	10.40

Trends in Water Usage			
Year	Water source	Total Water Usage (m ³)	Water Per Unit Output (m ³ /t)
2022	Mains	147,557	2.528
2022	Extracted Water	239,836	4.109
2023	Mains	124,472	2.284
2023	Extracted Water	306,710	5.627
2024	Mains	255,875	4.352
2024	Extracted Water	268,440	4.566
2025	Mains	235,542	4.39
2025	Extracted Water	322,823	6.01

Operator's comments:
 Average recovered water from the Wastewater Treatment Plant = 450 m³/Day



Signed
 (Authorised to sign as representative of the Operator)

Date...30/01/2026.....

Permit Number: EPR/BV41771S
Facility: Volac Felinfach


Operator: Volac Whey Nutrition Ltd
Form Number: E1 / 22/01/2026

Reporting of Energy Usage for the period 01.01.25 to 31.12.25

Energy Usage			
Energy Source	Energy Usage		Specific Usage (MWh/t)
	Quantity	Primary Energy (MWh)	
Electricity *	22290004 kWh	22290	414.2
LNG	69400932 kWh	69401	1.29
Kerosene**	220196 Ltr	2162.8	0.04
Ultra35 (Gasoil Substitute)**	55336 Ltr	548	0.01
Biomass wood***	63741 tonnes	159352.63	2.96
Total Energy Usage		253754.43	4.72

Operator's comments:

*Electricity is grid power only. Remaining electricity was supplied from the onsite Biomass plant for which the biomass wood is the primary source, Conversion factor for delivered electricity to primary energy = 2.6
** Standard conversion factors used for Kerosene and Ultra35 calculations
*** Primary Energy calculation: total tonnes of wood multiplied by 9 (avg. GJ /T) * 0.277778 = MWh

Signed 
(Authorised to sign as representative of the Operator)

Date...30/01/2026.....