

Permit Number: BP3135EB
Facility: Felinfach Effluent Treatment Plant

Operator: Sensient Flavors & Arla Foods Ingredients Felinfach Ltd
Form Number: Water1 / 30/01/2026

Reporting of emissions to water for the period: 01/01/2025 to 31/12/2025

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
W1	Total volume of treated effluent	2,750 m ³ /day	24 hour	2167	MCERTS self-monitoring of effluent flow scheme	17/12/2025	99%
	Maximum flow rate	37 l/s	instantaneous	27l/s		17/12/2025	99%
	pH range	6-9	instantaneous	6.72 – 8.79		31/10/25	98%
	Chemical oxygen demand (COD)	180 mg/l	24 hr composite	90mg/l	As per the Environmental Agency's Technical Guidance M18 Monitoring of discharges to water and sewer	05/08/2025	98%
	Biological oxygen demand (BOD)	100 mg/l	24 hr composite	1mg/l		31/10/25	98%
	Total suspended solids	60 mg/l	24 hr composite	29mg/l		22/11/2025	98%
	Colour (platinum – cobalt scale)	No limit set (Hazen units)	24 hr composite	7.2 max		Colorimetric analysis at 400nm	18/11/2025
	Total ammonia	No limit set	24 hr composite	0.3mg/l	As per the Environmental Agency's Technical Guidance M18 Monitoring of discharges to water and sewer	19/06/2025	
	Total nitrogen (Total N)	25 mg/l	24 hr composite	12mg/l		30/09/2025	98%
	Total phosphorus (Total P)	2 mg/l	24 hr composite	1.8		30/09/2025	98%

- [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.

Operator's comments:

Treated water volume discharge maximum recorded was 2167 m³ per day The actual average was 1579m³ with an average of 470m³ recycled as potable water to the factory.

Signed Ben Harries
(Authorised to sign as representative of Operator)

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

Permit Number: BP3135EB
Facility: Felinfach Effluent Treatment Plant

Operator: Sensient Flavors & Arla Foods Ingredients Felinfach Ltd
Form Number: WaterUsage1 / 30/01/2026

Reporting of Water Usage for the period: 01/01/2025 to 31/12/2025

Water Source	Usage (m ³ /year)	Specific Usage (m ³ /unit output)
Mains water	92	N/A
Site borehole	1984	N/A
River abstraction	N/A	N/A
TOTAL WATER USAGE	2076	

Operator's comments:

Signed Ben Harries
 (authorised to sign as representative of Operator)

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

Permit Number: BP3135EB
Facility: Felinfach Effluent Treatment Plant

Operator: Sensient Flavors & Arla Foods Ingredients Felinfach Ltd
Form Number: Energy1 / 30/01/2026

Reporting of Energy Usage for the period: 01/01/2025 to 31/12/2025

Energy Source	Energy Usage		Specific Usage (MWh/unit output)
	Quantity	Primary Energy (MWh)	
Electricity *	MWh	1984	N/A
Natural Gas	MWh	N/A	N/A
Gas Oil	tonnes	N/A	N/A
Recovered Fuel Oil	tonnes	N/A	N/A
TOTAL	-	1984	

* Conversion factor for delivered electricity to primary energy = 2.4

Operator's comments:

Plant performance has remained steady over the year. Energy consumption will be reviewed during 2026.

Signed Ben Harries
 (Authorised to sign as representative of Operator)

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

Permit Number: BP3135EB
Facility: Felinfach Effluent Treatment Plant

Operator: Sensient Flavors & Arla Foods Ingredients Felinfach Ltd
Form Number: Performance1 / 30/01/2026

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

Parameter	Units
Treated liquid effluent discharged at W1	576231 m ³
Sludge collected for off-site recovery	33374 m ³
Sodium Hydroxide used	562 tonnes
Generation of residues	N/A
Generation of waste water	N/A

Operator's comments:

Signed Ben Harries
 (Authorised to sign as representative of Operator)

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