

Permit Number: EPR/CB3091HY Operator: United Petfoods Limited

Facility: Llangadog Pet Foods Plant Form Number: Water1 / 04/03/2021

**Reporting of emissions to water for the period from 01/10/2023 to 31/12/2023**

Emission Point	Emission		Reference Period	Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Uncertainty <sup>[4]</sup>
	Substance / Parameter	Limit Value					
S1	Oil and grease	None visible	Instantaneous (visual examination)	None seen	Visual check	Daily	N/A
	pH	Minimum 6, Maximum 8.5	Instantaneous (spot sample)	Minimum 6.7 Maximum 7.7	BS EN 10523	04.10.23 15.11.23	+/- 0.01
	Temperature	29 °C	Instantaneous (spot sample)	27°C	Standard thermocouple	23.11.23	+/- 0.3°C
	Total aluminium as Al	1.0 mg/L	Instantaneous (spot sample)	0.0693	BS EN ISO 11885	18.10.23	+/- 1.0%
	Biological oxygen demand (BOD)	40 mg/L	Instantaneous (spot sample)	39.7	BS EN 1899-1	15.11.23	+/- 1.9%
	Total phosphorus as P	15 mg/L	Instantaneous (spot sample)	7.4	BS EN 15681-1 or BS EN ISO 15681-2	06.12.23	+/- 1.0%
	Ammoniacal nitrogen (expressed as N)	30 mg/L	Instantaneous (spot sample)	4.7	BS EN ISO 11732	08.11.23	+/- 1.0%
	Total suspended solids	40 mg/L	Instantaneous (spot sample)	34.4	BS EN 872	15.11.23	+/- 1.0%
	Maximum daily discharge volume	1000 m <sup>3</sup> /day	Total daily volume	1665.49m <sup>3</sup>	MCERTS certified flow meter	27.12.23 at 23:57hrs (Schedule 5 Notification sent Jan 2024)	3.09%

[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.

Signed  ..... Date 4/1/24 .....

(Authorised to sign as representative of Operator)