



AIR POLLUTION ACT 1987, as amended

Air Pollution Appeal Register Number: E0015-01

APPEAL by Verde Environmental Consultants Ltd., on behalf of Mr. Paul Horan of Best Mate Pet Cremation Ltd., at Ballycullane, Glin, Co. Limerick V94 81C0 against the decision made on 07 April 2025 by Limerick City and County Council to grant, subject to conditions, a licence to Best Mate Pet Cremation Ltd., in respect of the operation of a pet crematorium (Ref. No. A2) located nearby at Ballycullane, Glin, Limerick, V94 81C0.

The facility is a pet cremation facility for small pets for which an Addfield PET200 low-capacity cremator is used along with an associated single stack air emission point at 5.2 m above ground level for waste gases, cold store area and processing room is proposed. Following cremation, a cremulator is used for the remains with the ash subsequently collected for placement in an urn and returned to its owner. The surrounding area is considered to be predominantly grassland agricultural.

DECISION: The Agency, in exercise of the powers conferred on it by Section 34 of the Air Pollution Act 1987, as amended, and based on the reasons and considerations set out below, hereby approves the appeal from Verde Environmental Consultants Ltd., on behalf of Mr. Paul Horan of Best Mate Pet Cremation Ltd. and directs Limerick City and County Council to grant the licence in accordance with the amendments as detailed in this direction.

REASONS AND CONSIDERATIONS

Having regard to the continuous monitoring requirements for air emissions, the location of the Pet Crematorium in a pre-dominantly agricultural location, restriction imposed on animal daily numbers and the results of the air screening modelling for the site, it is considered that subject to compliance with the conditions, and amended conditions, attached to the licence to be granted by Limerick City and County Council, the operation of the plant will not result in significant air pollution and is otherwise compatible with public health and the environment.

In making its decision, the Agency completed an Appropriate Assessment screening exercise taking into account:

- the submission by the first party,
- the planning permission granted by Limerick City and County Council,
- the report of the Inspector dated 12th Jan 2026, and
- the Appropriate Assessment screening carried out by the Inspector.

A screening for Appropriate Assessment was undertaken to assess, in view of best scientific knowledge and the conservation objectives of the site if the facility individually or in combination with other plans or projects is likely to have a significant effect on any European Site. In this context, particular attention was paid to the European Sites at the Lower River Shannon SAC (Site Code: 002165), River Shannon and River Fergus Estuaries SPA (Site Code: 004077), and Stacks to Mullaghareirk Mountains, West Limerick Hills and Mount Eagle SPA (Site Code 004161).

The industrial plant is not directly connected with or necessary to the management of any European Site and the Agency considered, for the reasons set out below, that it can be excluded, on the basis of objective information, that the industrial plant, individually or in combination with other plans or projects, will have a significant effect on any European Site and accordingly determined that an Appropriate Assessment of the industrial plant was not required.

This determination has been made considering the following reasons:

- The installation is not located within any European sites and there are no designated sites within 1.8 km of the installation. The nearest site Lower River Shannon SAC (Site Code: 002165) is located circa 1.8 km to the north of the installation.
- European Sites and their qualifying interests are considered outside of the zone of influence of air and noise emissions modelled as arising at the installation. The modelling demonstrated that emissions will not cause breaches of relevant air quality standards for humans or vegetation at or in the vicinity of the plant. Therefore, it is considered that air emissions will have no significant adverse effects on the qualifying interests of any European Site.
- Given the nature and scale of emissions the activity will not have a significant effect on European Sites.

MATTERS CONSIDERED

In making its decision, the Agency had regard to those matters to which, by virtue of the Air Pollution Act 1987, as amended and Regulations made thereunder, it was required to have regard. Such matters included any submissions and observations received by it in accordance with statutory provisions.

SEALED by the Seal of the Agency on the 04 day of March 2026

PRESENT when the seal of the Agency was affixed hereto:

Tara Gillen,
Authorised Person

Appendix

1. Emission Parameters

Replace Condition 5.1 with the following:

5.1 Under no circumstance shall the following parameters be exceeded (Note that “Nm³” denotes “Normal cubic metre”).

Pollutant	Limit Type	Value
Carbon Monoxide	8-hour limit for protection for human health	10,000 µg/Nm ³
Dust (By Weight)	By Weight	0.35 g/m ² /day
Dust (By Volume)	By Volume	50 mg/Nm ³
Emission Temperature	At Flue Exit	150°C
Emission Volume	Volumetric Concentration	100,000 mg/Nm ³
Nitrogen Oxides	Volumetric Concentration	450 mg/Nm ³
Particulate Matter (as PM10)	Annual limit for protection of human health	40 µg/m ³ PM ₁₀
Particulate Matter (as PM2.5)	Annual limit for protection of human health	25 µg/m ³ PM _{2.5}
Sulphur Dioxide	Volumetric Concentration	500 mg/Nm ³

2. Monitoring, Sampling etc of Emissions

Replace Condition 6.1 with the following:

6.1 The Licensee shall arrange for a comprehensive monitoring programme to be implemented in accordance with the requirements outlined below. Any requirement may be amended at the discretion of the Licensing Authority.

Measurand	Means	Frequency
Carbon Monoxide	Flue Gas Analyser	Annually
Dust (by weight)	Berghoff Gauges	Annually: Analysis by a competent laboratory
Nitrogen Oxides	Flue Gas Analyser	Annually
Emission Temperature	Thermometer	Annually
Particulate Matter (as PM10)	Gravimetric Analysis	Annually: Analysis by a competent laboratory
Particulate Matter (as PM2.5)	Gravimetric Analysis	Annually: Analysis by a competent laboratory
Sulphur Dioxide	Flue Gas Analyser	Annually
Volumetric Flow Rate	Pilot Tube	Annually

3. Design, Construction and height of Chimneys, Flues, Stacks etc.

Replace Condition 3.1 with the following:

- 3.1** The exhaust flue stack shall be configured so as to discharge gases at a minimum height of 5.2 m (17' 1") relative to the surrounding ground level.

4. Record Keeping and Submission of Monitoring Results

Amend Condition 8.1 with the following:

- 8.1** The licensee shall submit an annual report to the Licencing Authority, summarising operating hours and monitoring results for the previous rolling twelve-month period. Any exceedances shall be highlighted and explained. The report author shall provide an account of any remedial and/or preventative action taken in respect of each exceedance.