

Document reference: ECGE B2.11

**PROCESSING OF ANIMAL BY-PRODUCTS TO PRODUCE
TALLOW AND MEAT AND BONE MEAL BY HEATING AND
CENTRIFUGAL EXTRACTION**

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POLLUTION RISK TO LAND

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1 POLLUTION RISK

- 1.1 This document should be read in conjunction with the Site Report & Pollution Risk to Land, Document ECGE B3 which provides a full assessment of potential pollutants, possible impact and likelihood of contaminating land.
- 1.2 As noted in Document B2.2, there is no reasonable potential for harmful emissions to water, groundwater or land from the process. The plant is fully enclosed from beginning to end and within a building, and the potential for polluting emissions could only occur in the event of catastrophic failure of the containment. Additionally, the plant will be licenced in accordance with the EU Animal By-Products Regulations (ABPR) and required to have impermeable surfaces including all delivery and wash down areas.

2 AVOIDANCE MEASURES

- 2.1 Waste water from the process, wash down waters and spillage of raw material or meat and bone meal are potentially pollutants to land as are cleaning chemicals. Potential harm is prevented by **containment** and **impermeable floor surfaces** – control of these potential pollutants is detailed in Document B2.2.
- 2.2 Spillage of tallow or animal oil does not represent a realistic pollution hazard – the material becomes a solid if not kept heated. Consequently, any spillage to land of tallow, which could only occur in the event of catastrophic failure of containment and the impermeable surfaces, would in any event be limited to the immediate area of spillage.

3 CESSATION OF ACTIVITIES

- 3.1 In the event of a cessation of operations all plant for the processing of animal carcasses and by-products would be removed. These actions would occur with

the impermeable floor surfaces in situ, and similarly the bund to the tanks, though the tanks could be retained for alternative use.

- 3.2 The Installation site and building would revert to use as part of the knackery or Intermediate Plant. The site and land would, therefore, be controlled under the regulations applying to the operation of the Intermediate Plant, if it were that element of the wider site; it would be necessary for the existing Environmental Permit covering the Intermediate Plant to be extended to encompass the animal carcass processing (Installation) site.