Re: Glanbia Ingredients Ireland Limited ('GIIL')
Transfer of Licence from Glanbia Ingredients (Virginia) Limited (IPPC Licence Reg. No. P0405-02) to Glanbia Ingredients Ireland Limited.

Dear Sir/Madam

Glanbia Ingredients Ireland Limited ('GIIL') requests the transfer of IPPC Licence Reg No P0405-02 from Glanbia Ingredients (Virginia) Limited to Glanbia Ingredients Ireland Limited.

The requirement for transfer of the IPPC Licence arises from an internal reorganisation within the structure of the Glanbia Group. GIIL is a joint venture between Glanbia plc and Glanbia Cooperative Society Limited, and is a limited company registered in Ireland.

In accordance with the requirements of the Agency, we can confirm that Glanbia Ingredients Ireland Limited has assumed and accepted all liabilities, requirements and obligations provided for in or arising under the licence, or revised licence, regardless of how and in respect of what period, including a period prior to the transfer of the licence or revised licence they may arise.

If you require any further information in respect of the above, please contact the undersigned.

Yours Sincerely

Sean Molloy
Company Secretary
Glanbia Ingredients Ireland Limited
This document does not purport to be and should not be considered a legal interpretation of the provisions and requirements of the Waste Management Acts, 1996 to 2011 or Environmental Protection Agency Acts 1992 to 2011.
Section 1 of this application form must be completed by the current Licensee and accompanied by required attachments. Section 2 must be completed by the Proposed Transferee and accompanied by required attachments. Both parties must complete Section 3. The transfer application shall not be regarded as complete and will not be processed unless all information requirements as set out in this form are met in advance of the application being submitted to the EPA.

Section 1: To be Completed by Current Licence Holder (Licensee)

<table>
<thead>
<tr>
<th></th>
<th>Register Number of Licence to be Transferred</th>
<th>P0405-02</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.2</td>
<td>Name of Current Licensee</td>
<td>Glanbia Ingredients (Virginia) Limited</td>
</tr>
<tr>
<td>1.3</td>
<td>Address of Current Licensee</td>
<td>Burrenrea Kells Road Virginia Co. Cavan</td>
</tr>
<tr>
<td>1.4</td>
<td>Contact details for nominated person(s) or persons in relation to the transfer application</td>
<td>Martin Tynan (049) 8549000 <a href="mailto:mtynan@glanbia.ie">mtynan@glanbia.ie</a></td>
</tr>
<tr>
<td>1.5</td>
<td>Class/Nature of Activity</td>
<td>Class 7.2.1</td>
</tr>
<tr>
<td>1.6</td>
<td>Location of activity to which the licence relates</td>
<td>Virginia</td>
</tr>
<tr>
<td>1.7</td>
<td>Name of Proposed Transferee</td>
<td>Glanbia Ingredients Ireland Limited</td>
</tr>
<tr>
<td>1.8</td>
<td>Reason for licence transfer request (provide detail in fifty words or less)</td>
<td>Internal reorganization of the Glanbia Group. Glanbia plc and Glanbia Cooperative Society will form a joint venture - Glanbia Ingredients Ireland Limited ('GIIL') - which will include the business and operations of the Irish dairy ingredient business at Virginia.</td>
</tr>
<tr>
<td>1.9</td>
<td>Desired date for proposed transfer to take effect?</td>
<td>Actual Date 25th November 2012</td>
</tr>
</tbody>
</table>
1.10 Has the **Licensee** arranged for the completion, by an independent and appropriately qualified consultant, of an up-to-date and fully costed **Risk Assessment** of environmental liabilities for the site (ELRA or equivalent), which will address liabilities from past and present activities?

**Yes**

An ELRA was originally compiled in 2008 as required by IPPC Licence Reg. No. P0405-01, it was submitted to the EPA in 2008.

The ELRA has been reviewed annually as part of AER reporting requirements and the 2012 update is now available. This document has been submitted to the Office of Environmental Enforcement for approval.

And

Has the Risk Assessment been approved by OEE?

(Provide copy of OEE approval letter as Attachment 1B)

1.11 Has the **Licensee** prepared an up-to-date and fully detailed and costed plan for the **decommissioning** or **closure**¹ (DMP/CRAMP or equivalent) of the site or part thereof?

**Yes**

A Decommissioning and Closure Plan (DCP) was undertaken in 2008 in accordance with the IPPC Licence and was submitted to the EPA for approval.

The DCP has been reviewed annually and details provided as part of the AER. The facilities DCP was reviewed in full in 2012, this document has been submitted to the Office of Environmental Enforcement for approval.

And

Has the Decommissioning /Closure Plan been approved by OEE?

(Provide copy of OEE approval letter as Attachment 1C)

Glanbia has not received written approval for any of the ERLA’s submitted.

¹ The plan must show estimated expenditure for each phase of the activity/activities and include:

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Section 1 Attachments: The following documents must be provided to the EPA by the current Licensee to support the licence transfer request. Failure to do so will result in the transfer application form being returned.

<table>
<thead>
<tr>
<th>Attachment 1A</th>
<th>As per Section 47(3) of the Waste Management Acts 1996 to 2011 / Section 94(3) of the Protection of the Environment Acts 1992 to 2011, provide a copy of the licence to be transferred.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attachment 1B</td>
<td>Provide a letter of approval from the EPA's Office of Environmental Enforcement (OEE) for the Risk Assessment referred to in Q1.10.</td>
</tr>
<tr>
<td>Attachment 1C</td>
<td>Provide a letter of approval from the EPA's Office of Environmental Enforcement (OEE) for the Decommissioning/Closure Plan described in Q1.11.</td>
</tr>
</tbody>
</table>

(i) Likely costs of abatement installation, control & monitoring;
(ii) Likely costs of closure & remediation of the site;
(iii) Likely costs of clean-up following a plausible accident/incident;
(iv) Likely costs of long-term aftercare for residual environmental liabilities;
(v) Statement or details of provisions made for the underwriting of these costs/liabilities.
Section 2: To be Completed by Proposed Transferee

<table>
<thead>
<tr>
<th>2.1</th>
<th>Name of Proposed Transferee</th>
<th>Glanbia Ingredients Ireland Limited</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.2</td>
<td>Address of Proposed Transferee</td>
<td>Burrenrea, Virginia, Co. Cavan</td>
</tr>
<tr>
<td>2.3</td>
<td>Contact details for nominated person(s) in relation to the transfer application</td>
<td>Martin Tynan (049) 8549000 <a href="mailto:mtynan@glanbia.ie">mtynan@glanbia.ie</a></td>
</tr>
<tr>
<td>2.4</td>
<td>General background on the Proposed Transferee. (approx. 150 words or less) Details to include:</td>
<td>Internal reorganization.</td>
</tr>
<tr>
<td></td>
<td>Business activity of Proposed Transferee</td>
<td>The JV – Glanbia Ingredients Ireland Limited (‘GIIL’) comprises the Irish dairy ingredients operations of Glanbia, including processing activities at the Virginia site.</td>
</tr>
<tr>
<td></td>
<td>Date established (companies only)</td>
<td>GIIL is an associate of Glanbia plc and will carry on the business previously carried out by the current licensee.</td>
</tr>
<tr>
<td></td>
<td>Most recent details on total assets value, turnover and profit (where available)</td>
<td>Glanbia Ingredients Ireland Limited was incorporated on 13th July 2011 and is a limited company registered in Ireland (Company Reg. No. 501098). The company will have an annualised turnover of ca. €700m</td>
</tr>
<tr>
<td></td>
<td>State whether Proposed Transferee is a holding company</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Where appropriate, provide similar details for ultimate parent company (also include jurisdiction where ultimate parent company is registered)</td>
<td></td>
</tr>
<tr>
<td>2.5</td>
<td>Has the Proposed Transferee/other relevant person been convicted under any of the following:</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>EPA Acts 2006-2011?</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Waste Management Acts 1996 to 2011?</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Local Government (Water Pollution) Acts 1977 and 1990?</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Air Pollution Act 1987?</td>
<td></td>
</tr>
<tr>
<td></td>
<td>If yes, provide full details.</td>
<td></td>
</tr>
</tbody>
</table>
| 2.6 | Provide: | Martin Tynan (General Manager) has overall responsibility for environmental management at the Virginia facility. Martin has been General Manager of the Virginia facility for the past 3 years and has extensive environmental management experience having previously worked at the companies Ballyragget facility where he had responsibility for applying for the first IPC Licence for the site in 1998.

Responsibility for Environmental Issues at the site will remain with the Environmental & Services Manager and will be supported by the General Manager (Martin Tynan), Engineering Manager (Maurice Murphy) and the Environmental Site Services Operator (Sean Keogan).

The Environmental & Services Manager role is currently filled by John Burbage. John has over 20 years experience of working in industry in highly regulated environment.

Both Maurice Murphy and Sean Keogan have been working at the Virginia facility for over 20 years, and since the facility received the initial IPC Licence from the Environmental Protection Agency. Both have integral roles in the performance and control of Environmental abatement equipment. It is noted that the Virginia facility has had an Environmental Management System on the site since the mid 1990's. |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) names</td>
<td>(b) details of relevant education, training and experience; and</td>
<td>of all persons to provide management and supervision of the activities authorised by the licence (in particular the name of the facility manager and any nominated deputies).</td>
</tr>
</tbody>
</table>
2.7 Has the Proposed Transferee made adequate financial provision\(^2\) to meet the financial commitments/liabilities that will be entered into/incurred in carrying on the activity to which the licence relates or in consequence of ceasing to carry on that activity as the licence may specify*?

And

Has the financial provision been approved by OEE?

(Provide copy of OEE approval letter as Attachment 2D).

\(^*\)Refer to 'Guidance on Environmental Liability Risk Assessment, Residuals Management Plans and Financial Provision' EPA, 2006 and consult with OEE.

<table>
<thead>
<tr>
<th>Yes</th>
<th>See attached Brokers Certificate with regard to the relevant insurance policies.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>See attached Brokers Certificate.</td>
</tr>
<tr>
<td>Awaiting approval from OEE.</td>
<td></td>
</tr>
</tbody>
</table>

2.8 Provide a statement (signed by the Proposed Transferee) that, "the Proposed Transferee has assumed and accepted all liabilities, requirements and obligations provided for in or arising under the licence, or revised licence, regardless of how and in respect of what period, including a period prior to the transfer of the licence or revised licence they may arise."

| Letter of acceptance of liabilities attached. | |

\(^2\) The amount of financial provision must always be capable of covering the liabilities identified and must have been updated at least within the last twelve months.
2.9 Has the Proposed Transferee, their parent company or any 'relevant person' had an application for a licence:
(a) Granted?
(b) Rejected?
(c) Revoked?

If yes, provide full details.

Yes, granted.
No rejection or revocation.

2.10 Has the Proposed Transferee, their parent company or any 'relevant person' been refused by the EPA as a transferee for a licence?

If yes, provide full details.

No

Section 2 Attachments: The following documents must be provided to the EPA by the Proposed Transferee to support the licence transfer request. Failure to do so will result in the transfer application being rejected.

**Attachment 2A**
Provide a copy of the Certified Copy of Certificate of Incorporation.

**Attachment 2B**
Provide particulars of Registered Office of the Company (if not included in 2A above).

**Attachment 2C**
Where appropriate provide an organisational chart showing company structure, including parent company, subsidiaries and related addresses.

**Attachment 2D**
Provide a letter of approval from the Office of Enforcement for the financial provision described in Q2.7.
Section 3: To be Completed by Both Parties

3.1: Payment of Fee

The licence transfer application can not be processed, unless accompanied by the transfer fee *(please tick):*

- Waste Licence Transfer Application €5,000
- IPPC Licence Transfer Application €2,000

For inspection purposes only.
Consent of copyright owner required for any other use.
Licence Transfer Application Form

Version 4: 06/12/2011

Declaration

I/We, the undersigned, hereby apply to the Environmental Protection Agency, as per Section 94 of the Environmental Protection Agency Acts 1992 to 2011 for the transfer of licence reg. no. **P0405-02** from **Glanbia Ingredients (Virginia) Limited** to **Glanbia Ingredients Ireland Ltd**.

| Signed: DATE: | 5/12/2013 |
| Licensee Name: | Glanbia Ingredients (Virginia) Limited who has changed its name to: Glanbia (V) Limited |
| Date: SIGNED: | [Signature] [Signature] |
| Company Seal: | COMPANY SECRETARY DIRECTOR |
| (where available) | |

| Signed: DATE: | 5/13/2013 |
| Proposed Transferee Name: | Glanbia Ingredients Ireland Ltd |
| Date: SIGNED: | [Signature] [Signature] |
| Company Seal: | COMPANY SECRETARY DIRECTOR |
| (where available) | |
Attachment 1 A

IPPC Licence Reg. No. P0405-02
This licence was amended on 3rd October 2013 under Section S96(1) of the Environmental Protection Agency Acts, as amended. The details of Amendment A must be read in conjunction with this licence. The amendment document is entitled "Technical Amendment A".

Headquarters
P.O. Box 3000
Johnstown Castle Estate
County Wexford
Ireland

INTEGRATED POLLUTION PREVENTION & CONTROL LICENCE

<table>
<thead>
<tr>
<th>Licence Register Number:</th>
<th>P0405-02</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company Register Number:</td>
<td>24307</td>
</tr>
<tr>
<td>Licensee:</td>
<td>Glanbia Ingredients (Virginia) Limited</td>
</tr>
</tbody>
</table>
| Location of Installation:| Burrenrea  
                           | Kells Road  
                           | Virginia  
                           | County Cavan |
ENVIRONMENTAL PROTECTION AGENCY ACTS, 1992 TO 2013

INTEGRATED POLLUTION PREVENTION AND CONTROL LICENCE

Decision of Agency, under Section 90(2) of the Environmental Protection Agency Acts, 1992 to 2013.

Reference number in Register of licences: P0405-02

Further to notice dated 17/12/2012 the Agency in exercise of the powers conferred on it by the Environmental Protection Agency Acts, 1992 to 2013, for the reasons hereinafter set out, hereby grants a revised IPPC licence to Glanbia Ingredients (Virginia) Limited, Burrenrea, Kells Road, Virginia, County Cavan, CRO number 24307,

...to carry on the following activity...

- The treatment and processing of milk, the quantity of milk received being greater than 200 tonnes per day (average value on a yearly basis)

...at Burrenrea, Kells Road, Virginia, County Cavan subject to the conditions as set out.

GIVEN under the Seal of the Agency this 10th day of May, 2013

PRESENT when the seal of the Agency was affixed hereto:

Mary Turner, Authorised Person
INTRODUCTION

This introduction is not part of the licence and does not purport to be a legal interpretation of the licence.

Glanbia Ingredients, Virginia is situated on a 23 acre site on the shores of Lough Ramor, 2 miles east of Virginia in County Cavan. The installation processes up to 70 million gallons of milk each year, supplied by 1,600 farmers. The product range includes: a) cream base for Baileys Original Irish Cream Liqueurs, b) instant and non-instant fat filled milk powders and c) skim milk powders. The company employs 83 people and operates on a continuous basis, 24 hours a day, 7 days a week, on a 3-shift system. Unit operations include milk intake, separation plant, evaporator plant and milk dryers. Water is abstracted from Lough Ramor and from an on-site borehole.

The boilers are operated on natural gas and the waste water treatment plant consists of grit removal, fat trap, balancing, aeration and clarification. Phosphorus is removed by chemical means in the waste water treatment plant.


The licence sets out in detail the conditions under which Glanbia Ingredients (Virginia) Limited will operate and manage this installation.
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</tbody>
</table>
Glossary of Terms

All terms in this licence should be interpreted in accordance with the definitions in the Environmental Protection Agency Acts 1992 to 2013 / Waste Management Acts 1996 to 2012, unless otherwise defined in the section.

Adequate lighting 20 lux measured at ground level.

AER Annual Environmental Report.

Agreement Agreement in writing.

Annually All or part of a period of twelve consecutive months.

Appropriate Facility A waste management facility, duly authorised under relevant law and technically suitable.

Attachment Any reference to Attachments in this licence refers to attachments submitted as part of this licence application.

BAT Best Available Techniques.

Biannually At approximately six – monthly intervals.

Biennially Once every two years.

BOD 5 day Biochemical Oxygen Demand (without nitrification suppression).

CEN Comité Européen De Normalisation – European Committee for Standardisation.

COD Chemical Oxygen Demand.

Containment boom A boom that can contain spillages and prevent them from entering drains or watercourses or from further contaminating watercourses.

CRO Number Company Register Number.

Customer Farmers Farmers who may use organic waste/organic fertiliser generated at the installation as fertiliser on their lands.

Customer Farmers' Lands The lands owned/managed by customer farmers.

Daily During all days of plant operation and, in the case of emissions, when emissions are taking place; with at least one measurement on any one day.

Day Any 24 hour period.
Daytime 0800 hrs to 2200 hrs.

dB(A) Decibels (A weighted).

DO Dissolved oxygen.

Documentation Any report, record, results, data, drawing, proposal, interpretation or other document in written or electronic form which is required by this licence.

Drawing Any reference to a drawing or drawing number means a drawing or drawing number contained in the application, unless otherwise specified in this licence.

Emission limits Those limits, including concentration limits and deposition rates, established in Schedule B. Emission Limits, of this licence.

EMP Environmental Management Programme.

Environmental damage As defined in Directive 2004/35/EC.

EPA Environmental Protection Agency.


Facility Any site or premises used for the purpose of the recovery of disposal or waste.

Fortnightly A minimum of 24 times per year, at approximately two week intervals.


GC/MS Gas chromatography/mass spectroscopy.

ha Hectare.

Heavy metals This term is to be interpreted as set out in “Parameters of Water Quality, Interpretation and Standards” published by the Agency in 2001. ISBN 1-84095-015-3.

Hours of operation The hours during which the installation is authorised to be operational.

ICP Inductively coupled plasma spectroscopy.
Incident

The following shall constitute an incident for the purposes of this licence:

(i) an emergency;
(ii) any emission which does not comply with the requirements of this licence;
(iii) any trigger level specified in this licence which is attained or exceeded; and,
(iv) any indication that environmental pollution has, or may have, taken place.

Installation

A stationary technical unit or plant where the activity concerned referred to in the First Schedule of EPA Acts 1992 to 2013 is or will be carried on, and shall be deemed to include any directly associated activity, which has a technical connection with the activity and is carried out on the site of the activity.

IPPC

Integrated Pollution Prevention & Control.

K

Kelvin.

kPa

Kilopascals.

Landspreading

The application of organic waste/organic fertiliser to farmland.

$L_{eq}$

Equivalent continuous sound level.

Lighting-up time

30 minutes after sun set.

Licensee

Glanbia Ingredients (Virginia) Limited, Burrenarea, Kells Road, Virginia, Co. Cavan, CRO Number 24307.

List I

As listed in the EC Directives 2006/11/EC and 80/68/EEC and amendments.

List II

As listed in the EC Directives 2006/11/EC and 80/68/EEC and amendments.

Local Authority

Cavan County Council.

Maintain

Keep in a fit state, including such regular inspection, servicing, calibration and repair as may be necessary to perform its function adequately.

Mass flow limit

An emission limit value expressed as the maximum mass of a substance that can be emitted per unit time.

Mass flow threshold

A mass flow rate above which a concentration limit applies.

Monthly

A minimum of 12 times per year, at intervals of approximately one month.
Environmental Protection Agency

Licence Reg. No. P0405-02

Night-time 2200 hrs to 0800 hrs.

Noise-sensitive location (NSL) Any dwelling house, hotel or hostel, health building, educational establishment, place of worship or entertainment, or any other installation or area of high amenity which for its proper enjoyment requires the absence of noise at nuisance levels.

NMP Nutrient Management Plan.

Oil separator Device installed according to the International Standard I.S. EN 858-2:2003 (Separator system for light liquids, (e.g. oil and petrol) – Part 2: Selection of normal size, installation, operation and maintenance).

Organic fertiliser Means any fertiliser other than that manufactured by an industrial process and includes livestock manure, dungstead manure, farmyard manure, slurry, soiled water, silage effluent, non-farm organic substances such as sewage sludge, industrial by-products and sludges and residues from fish farms.

ppm Parts per million.

PRTR Pollutant Release and Transfer Register.

Quarterly All or part of a period of three consecutive months beginning on the first day of January, April, July or October.

Sample(s) Unless the context of this licence indicates to the contrary, the term samples shall include measurements taken by electronic instruments.

Sanitary effluent Wastewater from installation toilet, washroom and canteen facilities.

SOP Standard operating procedure.

Specified emissions Those emissions listed in Schedule B: Emission Limits, of this licence.

Standard method A National, European or internationally recognised procedure (e.g. I.S. EN, ISO, CEN, BS or equivalent); or an in-house documented procedure based on the above references; a procedure as detailed in the current edition of "Standard Methods for the Examination of Water and Wastewater" (prepared and published jointly by A.P.H.A., A.W.W.A. & W.E.F.), American Public Health Association, 1015 Fifteenth Street, N.W., Washington DC 20005, USA; or an alternative method as may be agreed by the Agency.

Storm water Rain water run-off from roof and non-process areas.

The Agency Environmental Protection Agency.

TOC Total organic carbon.
<table>
<thead>
<tr>
<th><strong>Trade effluent</strong></th>
<th>Trade effluent has the meaning given in the Water Services Act, 2007.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Trigger level</strong></td>
<td>A parameter value, the achievement or exceedance of which requires certain actions to be taken by the licensee.</td>
</tr>
<tr>
<td><strong>Water Services Authority</strong></td>
<td>Cavan County Council.</td>
</tr>
<tr>
<td><strong>Weekly</strong></td>
<td>During all weeks of plant operation and, in the case of emissions, when emissions are taking place; with at least one measurement in any one week.</td>
</tr>
<tr>
<td><strong>WWTP</strong></td>
<td>Waste water treatment plant.</td>
</tr>
</tbody>
</table>
Decision & Reasons for the Decision

The Environmental Protection Agency is satisfied, on the basis of the information available, that subject to compliance with the conditions of this licence, any emissions from the activity will comply with and will not contravene any of the requirements of Section 83(5) of the Environmental Protection Agency Acts 1992 to 2013.

In reaching this decision the Environmental Protection Agency has considered the review form and supporting documentation and objection received from the licensee, all submissions received from other parties and the reports of its inspectors.

Part I Schedule of Activities Licensed

In pursuance of the powers conferred on it by the Environmental Protection Agency Acts 1992 to 2013, the Agency hereby grants the review of the existing licence (Reg. No. P0405-01) granted to:

Glanbia Ingredients (Virginia) Limited, Burrenrea, Kells Road, Virginia, Co. Cavan, and CRO Number 24307

under Section 90(2) of the said Acts to carry on the following activity:

The treatment and processing of milk, the quantity of milk received being greater than 200 tonnes per day (average value on a yearly basis)

at Burrenrea, Kells Road, Virginia, Co. Cavan subject to the following twelve Conditions, with the reasons therefor and associated schedules attached thereto.

Part II Schedule of Activities Refused

None of the proposed activities as set out in the licence application have been refused.
Part III Conditions

Condition 1. Scope

1.1 IPPC activities at this installation shall be restricted to those listed and described in Part I Schedule of Activities Licensed, and shall be as set out in the licence application or as modified under Condition 1.4 of this licence and subject to the conditions of this licence.

1.2 Activities at this installation shall be limited as set out in Schedule A: Limitations, of this licence.

1.3 For the purposes of this licence, the installation authorised by this licence is the area of land outlined in red on Drawing No. 2 entitled ‘Site location & Boundary’ of the review form. Any reference in this licence to “installation” shall mean the area thus outlined in red. The licensed activity shall be carried on only within the area outlined.

1.4 No alteration to, or reconstruction in respect of, the activity, or any part thereof, that would, or is likely to, result in

(i) a material change or increase in:
• the nature or quantity of any emission;
• the abatement/treatment or recovery systems;
• the range of processes to be carried out;
• the fuels, raw materials, intermediates, products or wastes generated, or

(ii) any changes in:
• site management, infrastructure or control with adverse environmental significance;

shall be carried out or commenced without prior notice to, and without the agreement of, the Agency.

1.5 The installation shall be controlled, operated and maintained, and emissions shall take place as set out in the licence. All programmes required to be carried out under the terms of this licence become part of this licence.

1.6 This licence is for the purpose of IPPC licensing under the EPA Acts 1992 to 2013 only and nothing in this licence shall be construed as negating the licensee’s statutory obligations or requirements under any other enactments or regulations.

1.7 This licence has been granted in substitution for the licence granted to the licensee on 14th March 2000 (Register No P0405-01). The previous IPPC licence (Reg No. P0405-01) is superseded by this revised licence.

Reason: To clarify the scope of this licence.

Condition 2. Management of the Installation

2.1 Installation Management

2.1.1 The licensee shall employ a suitable qualified and experienced installation manager who shall be designated as the person in charge. The installation manager or a nominated, suitably qualified and experienced deputy shall be present on the installation at all times during its operation or as otherwise required by the Agency.

2.1.2 The licensee shall ensure that personnel performing specifically assigned tasks shall be qualified on the basis of appropriate education, training and experience as required and shall be aware of the requirements of this licence.
2.2 Environmental Management System (EMS)

2.2.1 The licensee shall maintain an Environmental Management System (EMS). The EMS shall be updated on an annual basis.

2.2.2 The EMS shall include, as a minimum, the following elements:

2.2.2.1 Management and Reporting Structure.

2.2.2.2 Schedule of Environmental Objectives and Targets.

The licensee shall maintain a Schedule of Environmental Objectives and Targets. The schedule shall, as a minimum, provide for a review of all operations and processes, including an evaluation of practicable options, for energy and resource efficiency, the use of cleaner technology, cleaner production and the prevention, reduction and minimisation of waste and shall include waste reduction targets. The schedule shall include time frames for the achievement of set targets and shall address a five-year period as a minimum. The schedule shall be reviewed annually and amendments thereto notified to the Agency for agreement as part of the Annual Environmental Report (AER).

2.2.2.3 Environmental Management Programme (EMP)

The licensee shall maintain an EMP, including a time schedule, for achieving the Environmental Objectives and Targets prepared under Condition 2.2.2.2. Once agreed the EMP shall be maintained by the licensee. It shall include:

- designation of responsibility for targets;
- the means by which they may be achieved;
- the time within which they may be achieved.

The EMP shall be reviewed annually and amendments thereto notified to the Agency for agreement as part of the Annual Environmental Report (AER).

A report on the programme, including the success in meeting agreed targets, shall be prepared and submitted to the Agency as part of the AER. Such reports shall be retained on-site for a period of not less than seven years and shall be available for inspection by authorised persons of the Agency.

2.2.2.4 Documentation

(i) The licensee shall maintain an environmental management documentation system which shall be to the satisfaction of the Agency.

(ii) The licensee shall issue a copy of this licence to all relevant personnel whose duties relate to any condition of this licence.

2.2.2.5 Corrective Action

The licensee shall establish procedures to ensure that corrective action is taken should the specified requirements of this licence not be fulfilled. The responsibility and authority for persons initiating further investigation and corrective action in the event of a reported non-conformity with this licence shall be defined.

2.2.2.6 Awareness and Training

The licensee shall maintain procedures for identifying training needs, and for providing appropriate training, for all personnel whose work can have a significant effect upon the environment. Appropriate records of training shall be maintained.
2.2.2.7 Communications Programme

The licensee shall maintain a Public Awareness and Communications Programme to ensure that members of the public can obtain information at the installation, at all reasonable times, concerning the environmental performance of the installation.

2.2.2.8 Maintenance Programme

The licensee shall maintain a programme for maintenance of all plant and equipment based on the instructions issued by the manufacturersupplier or installer of the equipment. Appropriate record keeping and diagnostic testing shall support this maintenance programme. The licensee shall clearly allocate responsibility for the planning, management and execution of all aspects of this programme to appropriate personnel (see Condition 2.1 above).

2.2.2.9 Efficient Process Control

The licensee shall maintain a programme to ensure there is adequate control of processes under all modes of operation. The programme shall identify the key indicator parameters for process control performance, as well as identifying methods for measuring and controlling these parameters. Abnormal process operating conditions shall be documented, and analysed to identify any necessary corrective action.

Reason: To make provision for management of the activity on a planned basis having regard to the desirability of ongoing assessment, recording and reporting of matters affecting the environment.

Condition 3. Infrastructure and Operation

3.1 The licensee shall establish and maintain, for each component of the installation, all infrastructure referred to in this licence or as required by the conditions of this licence. Infrastructure specified in the application (submitted in accordance with licence register P0405-01) that relates to the environmental performance of the installation and is not specified in the licence, shall be installed in accordance with the schedule submitted in the application.

3.2 Installation Notice Board

3.2.1 The licensee shall, within three months of the date of grant of this licence, provide an Installation Notice Board on the installation so that it is legible to persons outside the main entrance to the installation. The minimum dimensions of the board shall be 1200 mm by 750 mm. The notice board shall be maintained thereafter.

3.2.2 The board shall clearly show:

(i) the name and telephone number of the installation;
(ii) the normal hours of operation;
(iii) the name of the licence holder;
(iv) an emergency out of hours contact telephone number;
(v) the licence reference number; and
(vi) where environmental information relating to the installation can be obtained.

3.3 The licensee shall install on all emission points such sampling points or equipment, including any data-logging or other electronic communication equipment, as may be required by the Agency. All such equipment shall be consistent with the safe operation of all sampling and monitoring systems.
3.4 In the case of composite sampling of aqueous emissions from the operation of the installation, a separate composite sample or homogeneous sub-sample (of sufficient volume as advised) shall be refrigerated immediately after collection and retained as required for EPA use.

3.5 The licensee shall clearly label and provide safe and permanent access to all on-site sampling and monitoring points and to off-site points as required by the Agency. The requirement with regard to off-site points is subject to the prior agreement of the landowner(s) concerned.

3.6 Tank, Container and Drum Storage Areas

3.6.1 All tank, container and drum storage areas shall be rendered impervious to the materials stored therein. Bunds shall be designed having regard to Agency guidelines ‘Storage and Transfer of Materials for Scheduled Activities’ (2004).

3.6.2 All tank and drum storage areas shall, as a minimum, be bunded, either locally or remotely, to a volume not less than the greater of the following:

(i) 110% of the capacity of the largest tank or drum within the bunded area; or

(ii) 25% of the total volume of substance that could be stored within the bunded area.

3.6.3 All drainage from bunded areas shall be treated as contaminated unless it can be demonstrated to be otherwise. All drainage from bunded areas shall be diverted for collection and safe disposal, unless it can be deemed uncontaminated and does not exceed the trigger levels set under Condition 6.12.

3.6.4 All inlets, outlets, vent pipes, valves and gauges must be within the bunded area.

3.6.5 All tanks, containers and drums shall be labelled to clearly indicate their contents.

3.7 Silt Traps and Oil Separators

The licensee shall, within twelve months of date of grant of this licence, install and maintain silt traps and oil separators at the installation:

(i) Silt traps to ensure that all storm water discharges, other than from roofs, from the installation pass through a silt trap in advance of discharge; unless otherwise agreed by the Agency.

(ii) An oil separator on the storm water discharge from yard areas. The separator shall be a Class I full retention separator; unless otherwise agreed by the Agency.

The silt traps and separator shall be in accordance with I.S. EN-858-2: 2003 (separator systems for light liquids); unless otherwise agreed by the Agency.

3.9 Fire-water Retention

3.9.1 The licensee shall maintain sufficient capacity in the fire-water retention facility for the worst case event identified in the risk assessment report submitted in accordance with licence register P0405-01.

3.9.2 The licensee shall maintain a suitable risk management programme. In the event of a fire or a spillage to storm water, the site storm water shall be diverted to the fire-water retention facility. The licensee shall examine the provision of automatic diversion of storm water to the fire-water retention facility.

3.9.3 The licensee shall have regard to the Environmental Protection Agency Draft Guidance Note to Industry on the Requirements for Fire-Water Retention Facilities when implementing Conditions 3.9.1 and 3.9.2 above.

3.10 All pump sumps, storage tanks, lagoons or other treatment plant chambers from which spillage of environmentally significant materials might occur in such quantities as are likely to breach local or remote containment or separators, shall be fitted with high liquid level alarms (or oil detectors as appropriate) from the date of grant of this licence.
3.11 The provision of a catchment system to collect any leaks from flanges and valves of all over-ground pipes used to transport material other than water shall be examined. This shall be incorporated into a Schedule of Environmental Objectives and Targets set out in Condition 2 of this licence for the reduction in fugitive emissions.

3.12 All wellheads shall be adequately protected to prevent contamination or physical damage.

3.13 The licensee shall maintain in a prominent location on the site a wind sock, or other wind direction indicator, which shall be visible from the public roadway outside the site.

3.14 Natural gas or biodiesel meeting CEN standard EN14214 shall be used in the boilers on site. In the event of an interruption to the supply of natural gas or biodiesel, an alternative fuel such as gas oil may be used with the prior written agreement of the Agency provided that not more than three boilers are operated simultaneously.

3.15 The licensee shall provide a minimum of 22 weeks storage of organic waste/organic fertiliser on-site or at storage locations off-site as agreed by the Agency. The licensee shall demonstrate the minimum storage capacity within six months of the date of grant of licence. The licensee may provide less than 22 weeks storage if the licensee has a contract for the transfer of organic waste/organic fertiliser to a person authorised or exempted under and in accordance with the Waste Management Acts 1996 to 2012 or the Environmental Protection Agency Acts 1992 to 2013 to undertake the collection and recovery of the organic waste/organic fertiliser. Details of storage capacity available for organic waste/organic fertiliser shall be maintained on-site for inspection by authorised persons at all reasonable times.

3.16 The licensee shall maintain a conductivity probe and automatic valve to allow the diversion of contaminated condensate streams to the effluent treatment plant at conductivity levels of greater than 100μs/cm.

**Reason:** To provide for appropriate operation of the installation to ensure protection of the environment.

### Condition 4. Interpretation

4.1 Emission limit values for emissions to atmosphere in this licence shall be interpreted in the following way:

4.1.1 Non-Continuous Monitoring

   (i) For any parameter where, due to sampling/analytical limitations, a 30 minute sample is inappropriate, a suitable sampling period should be employed and the value obtained therein shall not exceed the emission limit value.

   (ii) For flow, no hourly or daily mean value, calculated on the basis of appropriate spot readings, shall exceed the relevant limit value.

   (iii) For all other parameters, no 30 minute mean value shall exceed the emission limit value.

4.2 The concentration and volume flow limits for emissions to atmosphere specified in this licence shall be achieved without the introduction of dilution air and shall be based on gas volumes under standard conditions of:

4.2.1 From non-combustion sources:

   Temperature 273K, Pressure 101.3 kPa (no correction for oxygen or water content).

4.2.2 From combustion sources:

   Temperature 273K, Pressure 101.3 kPa, dry gas; 3% oxygen for liquid and gas fuels, 6% oxygen for solid fuels.
4.3 Emission limit values for emissions to waters in this licence shall be interpreted in the following way:

4.3.1 Continuous Monitoring

(i) No flow value shall exceed the specific limit.
(ii) No pH value shall deviate from the specified range.
(iii) No temperature value shall exceed the limit value.

4.3.2 Composite Sampling

(i) No pH value shall deviate from the specified range.
(ii) For parameters other than pH and flow, eight out of ten consecutive composite results, based on flow proportional composite sampling, shall not exceed the emission limit value. No individual results similarly calculated shall exceed 1.2 times the emission limit value.

4.3.3 Discrete Sampling

For parameters other than pH and temperature, no grab sample value shall exceed 1.2 times the emission limit value.

4.4 Where the ability to measure a parameter is affected by mixing before emission, then, with agreement from the Agency, the parameter may be assessed before mixing takes place.

4.5 Noise

Noise from the installation shall not give rise to sound pressure levels (Leq, T) measured at noise sensitive locations of the installation which exceed the limit value(s) by more than 2dB(A).

Reason: To clarify the interpretation of limit values fixed under the licence.

Condition 5. Emissions

5.1 No specified emission from the installation shall exceed the emission limit values set out in Schedule B: Emission Limits, of this licence. There shall be no other emissions of environmental significance.

5.2 No emissions, including odours, from the activities carried on at the site shall result in an impairment of, or an interference with amenities or the environment beyond the installation boundary or any other legitimate uses of the environment beyond the installation boundary.

5.3 No substance shall be discharged in a manner, or at a concentration, that, following initial dilution, causes tainting of fish or shellfish.

5.4 Discharges from the installation shall not artificially increase the ambient temperature of the receiving water by more than 1.5°C outside the mixing zone.

Reason: To provide for the protection of the environment by way of control and limitation of emissions.
Condition 6. Control and Monitoring

6.1 The licensee shall carry out such sampling, analyses, measurements, examinations, maintenance and calibrations as set out below and as in accordance with Schedule C: Control & Monitoring, of this licence.

6.1.1 Analyses shall be undertaken by competent staff in accordance with documented operating procedures.

6.1.2 Such procedures shall be assessed for their suitability for the test matrix and performance characteristics shall be determined.

6.1.3 Such procedures shall be subject to a programme of Analytical Quality Control using control standards with evaluation of test responses.

6.1.4 Where any analysis is sub-contracted it shall be to a competent laboratory.

6.2 The licensee shall ensure that:

(i) sampling and analysis for all parameters listed in the Schedules to this licence; and

(ii) any reference measurements for the calibration of automated measurement systems;

shall be carried out in accordance with CEN-standards. If CEN standards are not available, ISO, national or international standards that will ensure the provision of data of an equivalent scientific quality shall apply.

6.3 All automatic monitors and samplers shall be functioning at all times (except during maintenance and calibration) when the activity is being carried on unless alternative sampling or monitoring has been agreed in writing by the Agency for a limited period. In the event of the malfunction of any continuous monitor, the licensee shall contact the Agency as soon as practicable, and alternative sampling and monitoring facilities shall be put in place. The use of alternative equipment, other than in emergency situations, shall be as agreed by the Agency.

6.4 Monitoring and analysis equipment shall be operated and maintained as necessary so that monitoring accurately reflects the emission/discharge (or ambient conditions where that is the monitoring objective).

6.5 The licensee shall ensure that groundwater monitoring well sampling equipment is available/installed on-site and is fit for purpose at all times. The sampling equipment shall be to Agency specifications.

6.6 All treatment/abatement and emission control equipment shall be calibrated and maintained in accordance with the instructions issued by the manufacturer/supplier or installer.

6.7 The frequency, methods and scope of monitoring, sampling and analyses, as set out in this licence, may be amended with the agreement of the Agency following evaluation of test results.

6.8 The licensee shall prepare a programme, to the satisfaction of the Agency, for the identification and reduction of fugitive emissions using an appropriate combination of best available techniques. This programme shall be included in the Environmental Management Programme.

6.9 The integrity and water tightness of all underground pipes, tanks, bunding structures and containers and their resistance to penetration by water or other materials carried or stored therein shall be tested and demonstrated by the licensee. This testing shall be carried out by the licensee at least once every three years and reported to the Agency on each occasion. This testing shall be carried out in accordance with any guidance published by the Agency. A written record of all integrity tests and any maintenance or remedial work arising from them shall be maintained by the licensee.
6.10 The drainage system (i.e., gullies, manholes, any visible drainage conduits and such other aspects as may be agreed) and bunds, silt traps and oil separators shall be inspected weekly and desludged as necessary. All sludge and drainage from these operations shall be collected for safe disposal. The drainage system, bunds, silt traps and oil interceptors shall be properly maintained at all times.

6.11 An inspection for leaks on all flanges and valves on over-ground pipes used to transport materials other than water shall be carried out weekly. A log of such inspections shall be maintained.

6.12 Storm Water

6.12.1 A visual examination of the storm water discharges shall be carried out daily. A log of such inspections, shall be maintained.

6.12.2 The licensee shall, within six months of the date of grant of this licence, establish suitable trigger levels for pH, Conductivity and COD in drainage from bunds, such that storm waters exceeding these levels will be diverted for retention and suitable disposal. The licensee shall have regard to the Environmental Protection Agency 'Guidance on the setting of trigger values for storm water discharges to off-site surface waters at EPA IPPC and Waste licensed facilities' when establishing the suitable trigger levels.

6.13 Noise

6.13.1 The licensee shall carry out a noise survey of the site operations annually. The survey programme shall be undertaken in accordance with the methodology specified in the 'Guidance Note for Noise: Licence Applications, Surveys and Assessments in Relation to Scheduled Activities (NG4)' as published by the Agency.

6.13.2 For noise sources, the licensee shall prepare a noise management programme to avoid or reduce noise emissions. This programme must specify target noise levels for key equipment and highlight specific goals and a time scale, together with noise mitigation and control measures having regard to Agency guidelines 'Guidance Note for Noise: Licence Applications, Surveys and Assessments in Relation to Scheduled Activities (NG4)'. The programme and a report on the implementation of this programme shall be submitted to the Agency as part of the AER.

6.14 Pollutant Release and Transfer Register (PRTR)

The licensee shall prepare and report a PRTR for the site. The substance and/or wastes to be included in the PRTR shall be as agreed by the Agency each year by reference to EC Regulations No. 168/2006 concerning the establishment of the European Pollutant Release and Transfer Register. The PRTR shall be prepared in accordance with any relevant guidelines issued by the Agency and shall be submitted electronically in specified format and as part of the AER.

6.15 Boilers shall be inspected and maintained annually. A Boiler Combustion efficiency test of all the boilers shall be carried out annually and the results reported as part of the AER.

Reason: To provide for the protection of the environment by way of treatment and monitoring of emissions.

Condition 7. Resource Use and Energy Efficiency

7.1 The licensee shall carry out an audit of the energy efficiency of the site at intervals as required by the Agency. The audit shall be carried out in accordance with the guidance published by the Agency, "Guidance Note on Energy Efficiency Auditing".

7.2 The audit shall identify all practicable opportunities for energy use reduction and efficiency and the recommendations of the audit will be incorporated into the Schedule of Environmental Objectives and Targets under Condition 2 above.
7.3 The licensee shall identify opportunities for reduction in the quantity of water used on site including recycling and reuse initiatives, wherever possible. Reductions in water usage shall be incorporated into Schedule of Environmental Objectives and Targets.

7.4 The licensee shall undertake an assessment of the efficiency of use of raw materials in all processes, having particular regard to the reduction in waste generated. The assessment should take account of best international practice for this type of activity. Where improvements are identified, these shall be incorporated into the Schedule of Environmental Objectives and Targets.

**Reason:** To provide for the efficient use of resources and energy in all site operations.

### Condition 8. Materials Handling

8.1 Disposal or recovery of waste on-site shall only take place in accordance with the conditions of this licence and in accordance with the appropriate National and European legislation and protocols.

8.2 Waste sent off-site for recovery or disposal shall be transported only by an authorised waste contractor or an exempted person (Waste Management (Collection Permit) Regulations, 2007-2008). The waste shall be transported from the site of the activity to the site of recovery/disposal only in a manner that will not adversely affect the environment and in accordance with the appropriate National and European legislation and protocols.

8.3 The licensee shall ensure that, in advance of transfer to another person, waste shall be classified, packaged and labelled in accordance with National, European and any other standards which are in force in relation to such labelling.

8.4 The loading and unloading of materials shall be carried out in designated areas protected against spillage and leachate run-off.

8.5 Waste shall be stored in designated areas, protected as may be appropriate against spillage and leachate run-off. The waste shall be clearly labelled and appropriately segregated.

8.6 No waste classified as green list waste in accordance with the EU Shipment of Waste Regulations (Council Regulation EEC No. 1013/2006, as may be amended) shall be consigned for recovery without the agreement of the Agency.

8.7 Waste for disposal/recovery off-site shall be analysed in accordance with Schedule C: Control & Monitoring, of this licence.

8.8 Unless approved in writing, in advance, by the Agency the licensee is prohibited from mixing a hazardous waste of one category with a hazardous waste of another category or with any other non-hazardous waste.

8.9 The licensee shall neither import waste into the State nor export waste out of the State except in accordance with the relevant provisions of Regulation (EC) No 1013/2006 of the European Parliament and of the Council of 14th June 2006 on shipments of waste and associated national regulations.

8.10 Monitoring of organic waste/organic fertiliser shall be undertaken as outlined in Schedule C.4 Waste and Material Monitoring, of this licence. Results shall be retained on site and records of the results shall be available for inspection by authorised personnel, including Agency personnel, at all reasonable times. The results shall be submitted to the Agency in a summary report included as part of the AER.

8.11 The transport of organic waste/organic fertiliser via the public road shall be carried out in sealed containers/covered trailers, as appropriate such that no spillage can occur.
8.12 Organic waste/organic fertiliser shall only be recovered by landspreading subject to the following conditions and the prior agreement of the Agency:

8.12.1 The licensee shall, prior to the first of January each year, submit to the Agency and maintain on-site for inspection by authorised persons the following information:

(i) Projected figures for annual production of organic waste/organic fertiliser and the nitrogen and phosphorus content of the organic waste/organic fertiliser;

(ii) Summary table of customer farmers who may receive organic waste/organic fertiliser. This table shall be updated, based on a nutrient management plan, as required to include additional lands acquired during the year. The table shall include as a minimum ‘Customer Code’ (Name to be maintained on-site), ‘Townlands’ and ‘Quantity of Organic Waste/Organic Fertiliser’;

(iii) A map (scale of 1:50,000) showing the location of farms where organic waste/organic fertiliser may be used;

(iv) A declaration by a suitably qualified person that lands, for receipt of organic waste/organic fertiliser have been inspected and are suitable for use, and

(v) A nutrient management plan for all lands demonstrating adequate capacity for use of organic waste/organic fertiliser generated at the installation. Nutrient management plans shall be to the satisfaction of the Agency and shall be agreed prior to the movement of organic waste/organic fertiliser. Nutrient management plans may be based on the ‘Nitrogen and Phosphorus’ Statements issued by the Department of Agriculture, Food and Marine. Nutrient management plans shall be maintained on-site for inspection by authorised persons.

8.12.2 The licensee shall ensure, in all cases where there is a transfer of organic waste/organic fertiliser from the installation to storage provided on customer farmers’ lands, that the customer farmer is advised of the need to store the organic waste/organic fertiliser in a purpose-built holding structure adequate for the protection of groundwater and surface water.

8.12.3 Soil monitoring shall be undertaken as outlined in Schedule C.6: Ambient Monitoring, Land Used for Landspreading of this licence and a summary report included as part of the Nutrient Management Plan.

8.12.4 Landspreading shall be carried out in accordance with European Communities (Good Agricultural Practice for Protection of Waters) Regulations 2010 (S.I. No. 610 of 2010).

8.12.5 Landspreading from this activity shall take place only on lands agreed in advance in writing by the Agency. Alterations to this landbank are subject to prior written agreement with the Agency.

Reason: To provide for the appropriate handling of material and the protection of the environment.

Condition 9. Accident Prevention and Emergency Response

9.1 The licensee shall ensure that a documented Accident Prevention Procedure is in place that addresses the hazards on-site, particularly in relation to the prevention of accidents with a possible impact on the environment. This procedure shall be reviewed annually and updated as necessary.
9.2 The licensee shall ensure that a documented Emergency Response Procedure is in place, that addresses any emergency situation which may originate on-site. This procedure shall include provision for minimising the effects of any emergency on the environment. This procedure shall be reviewed annually and updated as necessary.

9.3 Incidents

9.3.1 In the event of an incident the licensee shall immediately:

(i) carry out an investigation to identify the nature, source and cause of the incident and any emission arising therefrom;
(ii) isolate the source of any such emission;
(iii) evaluate the environmental pollution, if any, caused by the incident;
(iv) identify and execute measures to minimise the emissions/malfunction and the effects thereof;
(v) identify the date, time and place of the incident;
(vi) notify the Agency and other relevant authorities.

9.3.2 The licensee shall provide a proposal to the Agency for its agreement within one month of the incident occurring or as otherwise agreed by the Agency, to:

(i) identify and put in place measures to avoid recurrence of the incident; and
(ii) identify and put in place any other appropriate remedial actions.

Reason: To provide for the protection of the environment.

Condition 10. Decommissioning & Residuals Management

10.1 Following termination, or planned cessation for a period greater than six months, of use or involvement of all or part of the site in the licensed activity, the licensee shall, to the satisfaction of the Agency, decommission, render safe or remove for disposal/recovery any soil, subsoil, buildings, plant or equipment, or any waste, materials or substances or other matter contained therein or thereon, that may result in environmental pollution.

10.2 Decommissioning Management Plan (DMP)

10.2.1 The licensee shall prepare, to the satisfaction of the Agency, a fully detailed and costed plan for the decommissioning or closure of the site or part thereof. This plan shall be submitted to the Agency for agreement within six months of the date of grant of the licence.

10.2.2 The plan shall be reviewed annually and proposed amendments thereto notified to the Agency for agreement as part of the AER. No amendments may be implemented without the agreement of the Agency.

10.2.3 The licensee shall have regard to the Environmental Protection Agency Guidance on Environmental Liability Risk Assessment, Residuals Management Plans and Financial Provision when implementing Condition 10.2.1 above.

10.3 The Decommissioning Management Plan shall include, as a minimum, the following:

(i) a scope statement for the plan;
(ii) the criteria that define the successful decommissioning of the activity or part thereof, which ensures minimum impact on the environment;
(iii) a programme to achieve the stated criteria;
(iv) where relevant, a test programme to demonstrate the successful implementation of the decommissioning plan; and
(v) details of the costings for the plan and the financial provisions to underwrite those costs.
10.4 A final validation report to include a certificate of completion for the Decommissioning Management Plan, for all or part of the site as necessary, shall be submitted to the Agency within three months of execution of the plan. The licensee shall carry out such tests, investigations or submit certification, as requested by the Agency, to confirm that there is no continuing risk to the environment.

**Reason:** To make provision for the proper closure of the activity ensuring protection of the environment.

**Condition 11. Notification, Records and Reports**

11.1 The licence shall notify the Agency by both telephone and facsimile, if available, to the Agency's headquarters in Wexford, or to such other Agency office as may be specified by the Agency, as soon as practicable after the occurrence of any of the following:

(i) any release of environmental significance to atmosphere from any potential emissions point including bypasses;

(ii) any emission that does not comply with the requirements of this licence;

(iii) any malfunction or breakdown of key control equipment or monitoring equipment set out in Schedule C: Control and Monitoring, of this licence which is likely to lead to loss of control of the abatement system; and

(iv) any incident with the potential for environmental contamination of surface water or groundwater, or posing an environment threat to air or land, or requiring an emergency response by the Local Authority.

The licensee shall include as part of the notification, date and time of the incident, summary details of the occurrence, and where available, the steps taken to minimise any emissions.

11.2 In the event of any incident as set out in Condition 11.1(iv) having taken place, the licensee shall notify the Local Authority as soon as practicable after such an incident.

11.3 In the case of any incident relating to discharges to water, the licensee shall notify the Local and Water Services Authority and Inland Fisheries Ireland as soon as practicable after such an incident.

11.4 The licensee shall make a record of any incident. This record shall include details of the nature, extent, and impact of, and circumstances giving rise to, the incident. The record shall include all corrective actions taken to manage the incident, minimise wastes generated and the effect on the environment, and avoid recurrence. The licensee shall, as soon as practicable following incident notification, submit to the Agency the incident record.

11.5 The licensee shall record all complaints of an environmental nature related to the operation of the activity. Each such record shall give details of the date and time of the complaint, the name of the complainant (if provided), and give details of the nature of the complaint. A record shall also be kept of the response made in the case of each complaint.

11.6 The licensee shall record all sampling, analyses, measurements, examinations, calibrations and maintenance carried out in accordance with the requirements of this licence and all other such monitoring which relates to the environmental performance of the installation.

11.7 The licensee shall as a minimum keep the following documents at the site:

(i) the licences relating to the installation;

(ii) the current EMS for the installation;

(iii) the previous year’s AER for the installation;

(iv) records of all sampling, analyses, measurements, examinations, calibrations and maintenance carried out in accordance with the requirements of this licence and all other such monitoring which relates to the environmental performance of the installation;

(v) relevant correspondence with the Agency;
(vi) up-to-date site drawings/plans showing the location of key process and environmental infrastructure, including monitoring locations and emission points;

(vii) up-to-date Standard Operational Procedures for all processes, plant and equipment necessary to give effect to this licence or otherwise to ensure that standard operation of such processes, plant or equipment does not result in unauthorised emissions to the environment;

(viii) any elements of the licence application or EIS documentation referenced in this licence.

This documentation shall be available to the Agency for inspection at all reasonable times.

11.8 The licensee shall submit to the Agency, by the 31st March of each year, an AER covering the previous calendar year. This report, which shall be to the satisfaction of the Agency, shall include as a minimum the information specified in Schedule D: Annual Environmental Report, of this licence and shall be prepared in accordance with any relevant guidelines issued by the Agency.

11.9 A full record, which shall be open to inspection by authorised persons of the Agency at all times, shall be kept by the licensee on matters relating to the waste management operations and practices at this site. This record shall as a minimum contain details of the following:

(i) the tonnages and EWC Code for the waste materials imported and/or sent off-site for disposal/recovery;

(ii) the names of the agent and carrier of the waste, and their waste collection permit details, if required (to include issuing authority and vehicle registration number);

(iii) details of the ultimate disposal/recovery destination facility for the waste and its appropriateness to accept the consigned waste stream, to include its permit/licence details and issuing authority, if required;

(iv) written confirmation of the acceptance and disposal/recovery of any hazardous waste consignments sent off-site;

(v) details of all waste consigned abroad for Recovery and classified as ‘Green’ in accordance with the EU Shipment of Waste Regulations (Council Regulation EEC No. 1013/2006, as may be amended). The rationale for the classification must form part of the record;

(vi) details of any rejected consignments;

(vii) details of any approved waste mixing;

(viii) the results of any waste analyses required under Schedule C: Control & Monitoring, of this licence; and

(ix) the tonnage and EWC Code for the waste materials recovered/disposed on-site.

11.10 The licensee shall maintain on-site for inspection by authorised persons an “organic waste/organic fertiliser register”, which shall be to the satisfaction of the Agency. The register shall include as a minimum:

(i) The results of any analysis required under Schedule C.4: Waste and Material Monitoring of this licence;

(ii) Date of despatch/spreading of organic waste/organic fertiliser;

(iii) Name of contractor/person who transported the organic waste/organic fertiliser;

(iv) A record of the movement of organic waste/organic fertiliser to off-site organic fertiliser storage;

(v) Name and address of customer farmers or the facility who received the organic waste/organic fertiliser;

(vi) The quantity of organic waste/organic fertiliser in each consignment;

(vii) The quantity of nitrogen and phosphorus in each consignment; and
(viii) Details in accordance with Article 23 of European Communities (Good Agricultural Practice for Protection of Waters) Regulations 2010 (S.I. No. 610 of 2010) and as otherwise specified by the Agency or Department of Agriculture, Food and the Marine.

11.11 The licensee shall submit report(s) as required by the conditions of this licence to the Agency's Headquarters in Wexford, or to such other Agency office as may be specified by the Agency.

11.12 All reports shall be certified accurate and representative by the installation manager or a nominated, suitably qualified and experienced deputy.

**Reason:** To provide for the collection and reporting of adequate information on the activity.

**Condition 12. Financial Charges and Provisions**

12.1 Agency Charges

12.1.1 The licensee shall pay to the Agency an annual contribution of €5,340, or such sum as the Agency from time to time determines, having regard to variations in the extent of reporting, auditing, inspection, sampling and analysis or other functions carried out by the Agency, towards the cost of monitoring the activity as the Agency considers necessary for the performance of its functions under the Environmental Protection Agency Acts 1992 to 2013. The first payment shall be a pro-rata amount for the period from the date of grant of this licence to the 31st day of December, and shall be paid to the Agency within one month from the date of grant of the licence. In subsequent years the licensee shall pay to the Agency such revised annual contribution as the Agency shall from time to time consider necessary to enable performance by the Agency of its relevant functions under the Environmental Protection Agency Acts 1992 to 2013, and all such payments shall be made within one month of the date upon which demanded by the Agency.

12.1.2 In the event that the frequency or extent of monitoring or other functions carried out by the Agency needs to be increased, the licensee shall contribute such sums as determined by the Agency to defray its costs in regard to items not covered by the said annual contribution.

12.2 Environmental Liabilities

12.2.1 The licensee shall as part of the AER, provide an annual statement as to the measures taken or adopted at the site in relation to the prevention of environmental damage, and the financial provisions in place in relation to the underwriting of costs for remedial actions following anticipated events or accidents/incidents, as may be associated with the carrying on of the activity.

12.2.2 The licensee shall arrange for the completion, by an independent and appropriate qualified consultant, of a comprehensive and fully costed Environmental Liabilities Risk Assessment (ELRA) which addresses the liabilities from past and present activities. The assessment shall include those liabilities and costs identified in Condition 10 for execution of the DMP. A report on this assessment shall be submitted to the Agency for agreement within twelve months of date of grant of this licence. The ELRA shall be reviewed as necessary to reflect any significant change on site, and in any case every three years following initial agreement. Review results are to be notified as part of the AER.

12.2.3 As part of the measures identified in Condition 12.2.1, the licensee shall, to the satisfaction of the Agency, make financial provision to cover any liabilities associated with the operation (including closure). The amount of indemnity held shall be reviewed and revised as necessary, but at least annually. Proof of renewal or revision of such financial indemnity shall be included in the annual 'Statement of Measures' report identified in Condition 12.2.1.
12.2.4 The licensee shall revise the cost of closure annually and any adjustments shall be reflected in the financial provision made under Condition 12.2.3.

12.2.5 The licensee shall have regard to the Environmental Protection Agency Guidance on Environmental Liability Risk Assessment, Residuals Management Plans and Financial Provision when implementing Conditions 12.2.2 and 12.2.3 above.

**Reason:** To provide for adequate financing for monitoring and financial provisions for measures to protect the environment.
B.2 Emissions to Water

Emission Point Reference No.: EF7 (Treated effluent after clarifier)
Name of Receiving Waters: Lough Ramor (IE_EA_07_275)
Discharge Location: 262360E, 285106N
Monitoring Location: Adjacent to clarifier and prior to mixing with EF6; 262499E, 285277
Flow monitoring at 262515E, 285274N
Volume to be emitted: Maximum in any one day: 1,400 m³
Maximum rate per hour: 60 m³

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Emission Limit Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature</td>
<td>25°C (max.)</td>
</tr>
<tr>
<td>pH</td>
<td>6-9</td>
</tr>
<tr>
<td>BOD</td>
<td>mg/l</td>
</tr>
<tr>
<td>Suspended Solids</td>
<td>20</td>
</tr>
<tr>
<td>Total Nitrogen (as N)</td>
<td>15</td>
</tr>
<tr>
<td>Ammonia (as N)</td>
<td>1</td>
</tr>
<tr>
<td>Total Phosphorus (as P)</td>
<td>1</td>
</tr>
<tr>
<td>Oils, Fats &amp; Grease</td>
<td>10</td>
</tr>
</tbody>
</table>
Emission Point Reference No.: EF6 (Cooling water, Storm water and Condensate)
Name of Receiving Waters: Lough Ramor (IE_EA_07_275)
Discharge Location: 262360E, 285106N
Monitoring Location: Prior to mixing with EF7; 262516E, 285269N
Volume to be emitted: Maximum in any one day: 7,750 m³
Maximum rate per hour: 700 m³

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Emission Limit Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>PH</td>
<td>6-9</td>
</tr>
<tr>
<td>Temperature</td>
<td>25°C</td>
</tr>
<tr>
<td>BOD</td>
<td>3</td>
</tr>
<tr>
<td>Suspended Solids</td>
<td>5</td>
</tr>
<tr>
<td>Ammonia</td>
<td>1</td>
</tr>
<tr>
<td>Total Phosphorus (as P)</td>
<td>0.2 Note 2</td>
</tr>
</tbody>
</table>

Note 1: This can be exceeded during times of heavy rainfall until such time as there may be a separation of cooling water, storm water and condensate.

Note 2: The emission limit value shall be '0.2mg/l above background level' until 1st January 2015; thereafter the emission limit value shall be as specified in the table.

B.3 Emissions to Sewer

There shall be no process effluent emissions to sewer.

B.4 Noise Emissions

<table>
<thead>
<tr>
<th>Daytime dB(A) L_Aeq (15 minutes)</th>
<th>Night-time dB(A) L_Aeq (15 minutes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>55 Note 1</td>
<td>45 Note 1</td>
</tr>
</tbody>
</table>

Note 1: There shall be no clearly audible tonal component or impulsive component in the noise emission from the activity of any noise-sensitive location.
SCHEDULE C: Control & Monitoring

C.I.1. Control of Emissions to Air

Emission Point Reference No.: A2-1
Description of Treatment: Bag Filter

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Monitoring Frequency</th>
<th>Analysis/Method/Techniques</th>
</tr>
</thead>
<tbody>
<tr>
<td>Particulates</td>
<td>Annually</td>
<td>Isookinetic/Gravimetric</td>
</tr>
<tr>
<td>Particulates – PM$_{10}$</td>
<td>Annually</td>
<td>Isookinetic/Gravimetric</td>
</tr>
</tbody>
</table>

Note: The licensee shall maintain appropriate access to standby and/or spares to ensure the operation of the abatement system.

C.I.2. Monitoring of Emissions to Air

Emission Point Reference No’s.: A2-1 and A2-2
C.2.1. **Control of Emissions to Water**

**Emission Point Reference No.:** W1

**Description of Treatment:** Activated Sludge Waste Water Treatment Plant

<table>
<thead>
<tr>
<th>Control Parameter</th>
<th>Monitoring</th>
<th>Key Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diffused Air Flotation Unit (outlet):</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fats, Oil &amp; Grease</td>
<td>Weekly</td>
<td>Standard Methods</td>
</tr>
<tr>
<td>Suspended Solids (Influent and outlet):</td>
<td>Weekly</td>
<td>Standard Methods</td>
</tr>
<tr>
<td>Balance Tank:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COD</td>
<td>Daily</td>
<td>Digestion / Colorimetric</td>
</tr>
<tr>
<td>pH</td>
<td>Continuous</td>
<td>pH meter and recorder</td>
</tr>
<tr>
<td>Aeration Tank.</td>
<td></td>
<td>Mixer</td>
</tr>
<tr>
<td>Dissolved Oxygen</td>
<td>Continuous</td>
<td>Pumps</td>
</tr>
<tr>
<td>Mixed liquor suspended solids [MLSS]</td>
<td>Weekly</td>
<td>On-line DO meters</td>
</tr>
<tr>
<td>Sludge Settlement Test 30 minute</td>
<td>Daily</td>
<td>Standard Methods</td>
</tr>
<tr>
<td>Sludge Volume Index</td>
<td>Weekly</td>
<td>Imhoff Cone</td>
</tr>
<tr>
<td>F/M Ratio</td>
<td>Weekly</td>
<td>Calculation</td>
</tr>
<tr>
<td>Sludge Age</td>
<td>Weekly</td>
<td>Calculation</td>
</tr>
<tr>
<td></td>
<td>Weekly</td>
<td>Dosing pumps</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Surface aerators</td>
</tr>
<tr>
<td>Clarifier:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Floating Matter</td>
<td>Daily</td>
<td>Visual</td>
</tr>
</tbody>
</table>

**Note 1:** The licensee shall maintain appropriate access to standby and/or spares to ensure the operation of the abatement system.
### C.2.2. Monitoring of Emissions to Water

**Emission Point Reference No:** EF7 (Treated effluent after clarifier)

<table>
<thead>
<tr>
<th>Control Parameter</th>
<th>Monitoring Frequency</th>
<th>Key Equipment/Technique</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow</td>
<td>Continuous</td>
<td>On-line flow meter with recorder</td>
</tr>
<tr>
<td>Temperature</td>
<td>Continuous</td>
<td>On-line temperature probe with recorder</td>
</tr>
<tr>
<td>pH</td>
<td>Continuous</td>
<td>pH electrode/meter with recorder</td>
</tr>
<tr>
<td>Chemical Oxygen Demand</td>
<td>Daily Note 1</td>
<td>Standard Method</td>
</tr>
<tr>
<td>Biochemical Oxygen Demand</td>
<td>Weekly Note 1</td>
<td>Standard Method</td>
</tr>
<tr>
<td>Suspended Solids</td>
<td>Weekly Note 1</td>
<td>Standard Method</td>
</tr>
<tr>
<td>Nitrates (as N)</td>
<td>Weekly Note 1</td>
<td>Standard Method</td>
</tr>
<tr>
<td>Ammonia (as N)</td>
<td>Weekly Note 1</td>
<td>Standard Method</td>
</tr>
<tr>
<td>Total Nitrogen (as N)</td>
<td>Weekly Note 1</td>
<td>Standard Method</td>
</tr>
<tr>
<td>Total Phosphorus (as P)</td>
<td>Weekly Note 1</td>
<td>Standard Method</td>
</tr>
<tr>
<td>Oils, fats and greases</td>
<td>Weekly</td>
<td>Standard Method</td>
</tr>
</tbody>
</table>

Note 1: All samples shall be collected on a 24 hour flow proportional composite sampling basis.

**Emission Point Reference No:** EF6 (Cooling water, Storm water and Condensate)

<table>
<thead>
<tr>
<th>Control Parameter</th>
<th>Monitoring Frequency</th>
<th>Key Equipment/Technique</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow</td>
<td>Continuous Note 1</td>
<td>On-line flow meter with recorder</td>
</tr>
<tr>
<td>Temperature</td>
<td>Continuous</td>
<td>On-line temperature probe with recorder</td>
</tr>
<tr>
<td>pH</td>
<td>Continuous</td>
<td>pH electrode/meter with recorder</td>
</tr>
<tr>
<td>Biochemical Oxygen Demand</td>
<td>Weekly</td>
<td>Standard Method</td>
</tr>
<tr>
<td>Suspended Solids</td>
<td>Weekly</td>
<td>Standard Method</td>
</tr>
<tr>
<td>Ammonia (as N)</td>
<td>Weekly</td>
<td>Standard Method</td>
</tr>
<tr>
<td>Total Phosphorus (as P)</td>
<td>Weekly Note 2</td>
<td>Standard Method</td>
</tr>
</tbody>
</table>

Note 1: Continuous monitoring of flow may take place at ES5 (262484E, 285231N) and ES3 (262516E, 285274N) and determined by calculation.

Note 2: Monitoring of the lake water at sample point A for Total Phosphorus is required at the same frequency until 1st January 2015.

### C.2.3. Monitoring of Storm Water Emissions

No additional monitoring of storm water emission is required in this schedule.
C.3.1. **Control of Emissions to Sewer**

There shall be no process effluent emissions to sewer.

---

C.3.2. **Monitoring of Emissions to Sewer**

There shall be no process effluent emissions to Sewer.

---

C.4 **Waste and Material Monitoring**

<table>
<thead>
<tr>
<th>Waste Class</th>
<th>Frequency</th>
<th>Parameter</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organic waste/ organic fertiliser</td>
<td>Bi-annually</td>
<td>% Dry matter, Total N, Total P, Total K</td>
<td>Standard Methods</td>
</tr>
<tr>
<td></td>
<td>Monthly</td>
<td>Available Storage Capacity</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Daily</td>
<td>Volume/ Mass</td>
<td></td>
</tr>
</tbody>
</table>

*Note 1: Analytical requirements to be determined on a case by case basis.*

---

C.5 **Noise Monitoring**

No additional noise monitoring is required in this schedule.

---
C.6 Ambient Monitoring

Groundwater Monitoring

Location: On-site borehole

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Monitoring Frequency</th>
<th>Analysis Method/Technique</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>annually</td>
<td>pH electrode/meter</td>
</tr>
<tr>
<td>COD</td>
<td>annually</td>
<td>Standard Method</td>
</tr>
<tr>
<td>Nitrate</td>
<td>annually</td>
<td>Standard Method</td>
</tr>
<tr>
<td>Total Ammonia</td>
<td>annually</td>
<td>Standard Method</td>
</tr>
<tr>
<td>Chloride</td>
<td>annually</td>
<td>Standard Method</td>
</tr>
<tr>
<td>Total Coliform</td>
<td>annually</td>
<td>Standard Method</td>
</tr>
<tr>
<td>Faecal Coliform</td>
<td>annually</td>
<td>Standard Method</td>
</tr>
</tbody>
</table>

Receiving waters

Emission Point Reference No.: Sample Point A (262287E, 285346N)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Monitoring Frequency</th>
<th>Analysis Method/Technique</th>
</tr>
</thead>
<tbody>
<tr>
<td>Visual Inspection</td>
<td>Weekly</td>
<td>Sample and examine for colouration and odour.</td>
</tr>
<tr>
<td>BOD</td>
<td>Weekly</td>
<td>Standard Method</td>
</tr>
<tr>
<td>pH</td>
<td>Weekly</td>
<td>pH electrode/meter</td>
</tr>
<tr>
<td>Total Phosphorus (as P)</td>
<td>Weekly</td>
<td>Standard Method</td>
</tr>
</tbody>
</table>

Land used for Landspreading

Monitoring Location: All lands included in the landbank

<table>
<thead>
<tr>
<th>Conditions</th>
<th>Monitoring Frequency Note 2</th>
<th>Analysis Method/Technique Note 3 &amp; 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil Sampling Note 1</td>
<td>Prior to the preparation of an NMP or Every six years</td>
<td>Morgan’s P test</td>
</tr>
</tbody>
</table>

Note 1: The sampling area shall not exceed 4 hectares. Exceptionally, where soil types and cropping of lands were similar during the previous five years, a sample area of up to 8 hectares shall be deemed acceptable.

Note 2: The licence may assume ‘Index 3’ for preparation of nutrient management plans where no soil samples are available.


Note 4: Soil analysis shall only be carried out by a soil-testing laboratory that meets the requirements of the Department of Agriculture, Food and the Marine.
SCHEDULE D: Annual Environmental Report

<table>
<thead>
<tr>
<th>Annual Environmental Report/Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emissions from the installation.</td>
</tr>
<tr>
<td>Waste management record.</td>
</tr>
<tr>
<td>Resource consumption summary.</td>
</tr>
<tr>
<td>Complaints summary.</td>
</tr>
<tr>
<td>Schedule of Environmental Objectives and Targets.</td>
</tr>
<tr>
<td>Environmental management programme – report for previous year.</td>
</tr>
<tr>
<td>Environmental management programme – proposal for current year.</td>
</tr>
<tr>
<td>Pollutant Release and Transfer Register – report for previous year.</td>
</tr>
<tr>
<td>Pollutant Release and transfer Register – proposal for current year.</td>
</tr>
<tr>
<td>Noise monitoring report summary.</td>
</tr>
<tr>
<td>Noise management programme.</td>
</tr>
<tr>
<td>Ambient monitoring summary.</td>
</tr>
<tr>
<td>Nutrient Management Plan summary.</td>
</tr>
<tr>
<td>Waste/Material monitoring.</td>
</tr>
<tr>
<td>Tank and pipeline testing and inspection report.</td>
</tr>
<tr>
<td>Reported incidents summary.</td>
</tr>
<tr>
<td>Energy efficiency audit report summary.</td>
</tr>
<tr>
<td>Report on progress made and proposals being developed to minimise water demand and the volume of trade effluent discharges.</td>
</tr>
<tr>
<td>Review of decommissioning management plan.</td>
</tr>
<tr>
<td>Statement of measures in relation to prevention of environmental damage and remedial actions (Environmental Liabilities).</td>
</tr>
<tr>
<td>Environmental Liabilities Risk Assessment Review (every three years or more frequently as dictated by relevant on-site change including financial provisions).</td>
</tr>
<tr>
<td>Any other items specified by the Agency.</td>
</tr>
</tbody>
</table>

Note 1: Content may be revised subject to the agreement of the Agency.

Sealed by the seal of the Agency on this the 10th day of May, 2013.

PRESENT when the seal of the Agency was affixed hereto:

Mary Turner, Authorised Person
Attachment 2 A

Certificate of Incorporation

- Certificate of Incorporation Munpital Limited (Number 501098)
- Certificate of Incorporation on change of name (Number 501098)
Certificate of Incorporation

I hereby certify that

MUNPITAL LIMITED

is this day incorporated under
the Companies Acts 1963 to 2009,
and that the company is limited.

Given under my hand at Dublin, this
Wednesday, the 13th day of July, 2011

[Signature]
for Registrar of Companies

GLANBIA plc

MARY MCLOUGHLIN
ASSISTANT GROUP SECRETARY
CERTIFIED TO BE A TRUE COPY
Certificate of Incorporation on change of name

I hereby certify that

MUNPITAL LIMITED

having, by a Special Resolution of the Company, and with the approval of the Registrar of Companies, changed its name, is now incorporated as a limited company under the name

GLANBIA INGREDIENTS IRELAND LIMITED

and I have entered such name on the Register accordingly.

Given under my hand at Dublin, this Thursday, the 9th day of August, 2012

Mary King
for Registrar of Companies

GLANBIA plc

MARY MCLoughlin
ASSISTANT GROUP SECRETARY
CERTIFIED TO BE A TRUE COPY
Glanbia Ingredients Virginia IPPC Licence Transfer Application (IPPC Reg. No. P0405-02)

Attachment 2 B

Registered Office Details
Registered Office Particulars

Glanbia Ingredients Ireland Limited
Ballyconra House
Ballyragget
Co. Kilkenny
Attachment 2 D

Organisation Structure

- Certificate of Liability Insurance
- Letter of Approval
Office of Climate, Licensing & Resource Use  
Environmental Protection Agency  
PO BOX 3000  
Johnstown Castle Estate  
County Wexford  

Re: Glanbia Ingredients Ireland Limited ('GIIL')  
Transfer of Licence from Glanbia Ingredients (Virginia) Limited (IPPC Licence Reg. No. P0405-02 to Glanbia Ingredients Ireland Limited.

Dear Sir/Madam

In order to expedite the above transfer please find enclosed the following documents:

1. IPPC/Waste Transfer Application Form duly executed by the relevant entities.
2. Copy of the current IPPC Licence and Approval - P0405-02. This is Attachment 1A enclosed.
3. ELRA Review 2012. This document has been sent to the Office of Environmental Enforcement for approval and is an update of the original ERLA which was submitted to the EPA in 2008 as part of the IPPC licence P0405-01. This document has been reviewed annually for EPA AER purposes and each year the update review has been submitted to the OEE for approval. While no negative feedback has been received at any time, approval has not formally been received. Therefore an Attachment 1B cannot be provided until the EPA furnishes an approval.
4. DMP/CRAMP Review 2012. This document has been sent to the Office of Environmental Enforcement for approval and is an update of the CRAMP which was submitted to the Agency for approval in 2009. This document has been reviewed annually for EPA AER purposes and each year the update review has been submitted to the OEE for approval. While no negative feedback has been received at any time, approval has not formally been received. Therefore an Attachment 1C cannot be provided until the EPA furnishes an approval.
5. Brokers Certificate with regard to third party liabilities for ongoing operations
7. Certified copy of the Certificate of Incorporation and certified copy of Certificate of Incorporation on Change of Name. Attachment 2A.
8. Registered office is Glanbia House, Kilkenny. Attachment 2B.
9. Company Structure Chart Attachment 2C.
10. Letter of approval sought from EPA with regard to financial provisioning on the basis of the Brokers Certificate This relates to Attachment 2D.

Consent of copyright owner required for any other use.
11. **IPPC LICENCE TRANSFER APPLICATION FEE** in the amount of €2,000 being provided by BACs. Copy of Glanbia payment request attached.

I trust that the relevant feedback can be obtained from the EPA in order to allow this transfer to complete.

Should you require any further information or assistance, please do not hesitate to contact me or Martin Tynan, GIIL, Virginia.

Yours Sincerely

Sean Molloy
Group Secretary
Glanbia Ingredients Ireland Limited