ENVIROMENTAL PROTECTION AGENCY ACT 1992 AS AMENDED

NOTIFICATION OF A PROPOSED DETERMINATION OF A REVIEW OF AN INDUSTRIAL EMISSIONS LICENCE IN ACCORDANCE WITH SECTION 87(2) OF THE ENVIRONMENTAL PROTECTION AGENCY ACT 1992 AS AMENDED.

In pursuance of the powers conferred on it by the above mentioned Acts the Agency proposes to determine the application for review of the existing licence (Register No. P0862-01) granted to: Mr. James McGuirk, Tetoppa, Dunraymond, County Monaghan (Licence Register No. P0862-02), under Section 90(2) of the said Act in the following manner:

The applicant submitted the application, plans, documents and other particulars on 01/05/2015. The number assigned to this Industrial Emissions licence review application in the Register of Licences is P0862-02.

It is proposed, for the reasons hereinafter set out, to grant a revised licence to the above named applicant to carry on the following activity

6.1(a) The rearing of poultry in installations where the capacity exceeds 40,000 places,

at Tetoppa, Dunraymond, County Monaghan, subject to twelve Conditions.

A copy of the proposed determination accompanies this notification.

OBJECTIONS/ORAL HEARING REQUESTS

The applicant and any other person may object to the proposed determination, in accordance with Section 87(5) of the EPA Act 1992 as amended. In accordance with Section 87(12) of the EPA Act 1992 as amended, objections must be received at any time no later than:

5.00 pm on 17th February 2016

A person making an objection may request an oral hearing of the objection, in accordance with Section 87(6) of the EPA Act 1992 as amended at any time no later than the date specified above.

It is important to note that any objection to the proposed determination/request for an oral hearing of the objection must be made either on-line on the Agency’s website at www.epa.ie or by sending it by prepaid post to the Headquarters of the Agency, or by leaving it with an employee of the Agency at the Headquarters of the Agency in Wexford, during office hours, i.e. 9.00am to 5.00pm Monday to Friday.

An objection against the proposed determination must include the grounds for the objection. An objection and a request for an oral hearing of an objection must each be accompanied by the appropriate fee, and be addressed to the Office of Climate, Licensing & Resource Use, EPA Headquarters, P.O. Box 3000, Johnstown Castle Estate, County Wexford.

A valid objection/request for an oral hearing of the objection must be received at the headquarters of the Agency no later than 5.00 pm on the applicable date above.

Note: The form and content of an objection is set out in the attached extract from the Environmental Protection Agency (Industrial Emissions) (Licensing) Regulations 2013. S.I. 137 of 2013.

The fees for an objection and request for an oral hearing of the objection are as set out in the Environmental Protection Agency (Licensing Fees) Regulations 1994 to 2005.
In order to be considered valid, an objection and a request, each must also comply with the other statutory requirements in relation to objections and requests for oral hearings as set out in the EPA Act 1992, as amended, the EPA (Industrial Emissions) (Licensing) Regulations 2013 and the EPA (Licensing Fees) Regulations 1994 to 2013. Extracts from the Acts and the Regulations accompany this notification.

In the event that:

(a) no objection is taken against the proposed determination or
(b) an objection or objections is or are taken against the proposed determination and the objection or objections is or are withdrawn,

the Agency will make its decision in accordance with the proposed determination and grant the licence as soon as may be thereafter.

A copy of the proposed determination may be downloaded from the Agency's website www.epa.ie or obtained from the Office of Climate, Licensing & Resource Use, Environmental Licensing Programme, EPA Headquarters, P.O. Box 3000, Johnstown Castle Estate, County Wexford.

Signed on behalf of the said Agency: Mary Turner, Authorised Person

Date of notification: 21st January 2016
Regulation 25 of the Environmental Protection Agency (Industrial Emissions) (Licensing) Regulations 2013

Form and content of objection

(1) An objection shall-
   (a) be made in writing,
   (b) state the name and address of the objector,
   (c) state the reference number given under Regulation 38(2) to the application or the review in the register of licences and the subject matter of the objection,
   (d) state the grounds for the objection and the reasons, considerations and arguments on which they are based, and
   (e) be accompanied by a fee specified in accordance with Section 99A of the Act of 1992.

(2) Without prejudice to Regulation 27, an objector shall not be entitled to elaborate in writing upon, or make further submissions in writing in relation to, the grounds for the objection stated in the objection, or to submit further grounds of objection and any such elaboration, submission or further grounds for the objection that is or are received by the Agency shall not be considered by it.

(3)
   (a) An objection shall be accompanied by such documents, particulars or other information relating to the objection as the objector considers necessary or appropriate.
   (b) Without prejudice to Regulation 27, the Agency shall not consider any documents, particulars or other information submitted by an objector other than the documents, particulars or other information which accompanied the objection.

(4) An objection shall be made -
   (a) by sending the objection by prepaid post to the headquarters of the Agency, or
   (b) by leaving the objection with an employee of the Agency at the headquarters of the Agency during office hours, or
   (c) online via the website of the Agency where such facility is made available by the Agency.

(5) The Agency shall as soon as may be after receipt of an objection acknowledge such receipt.
Sections 87(6) & (7) of the Environmental Protection Agency Act 1992 as amended

Section 87
Processing of applications for licences or reviews of licences

(6) (a) A person making an objection under subsection (5) may request an oral hearing of the objection.

(b) (i) A request for an oral hearing of an objection shall be made in writing to the Agency and shall be accompanied by such fee (if any) as may be payable in respect of such request in accordance with regulations under Section 99A.

(ii) A request for an oral hearing of an objection which is not accompanied by such fee (if any) as may be payable in respect of such request shall not be considered by the Agency.

(c) A request for an oral hearing of an objection shall be made before the expiration of the appropriate period, and any request received by the Agency after the expiration of that period shall not be considered by it.

(7) An objection, or a request for an oral hearing under subsection (6), shall be made-

(a) by sending the objection or request by prepaid post to the headquarters of the Agency, or

(b) by leaving the objection or request with an employee of the Agency, at the headquarters of the Agency, during office hours, or

(c) by such other means as may be prescribed.
FEES FOR OBJECTIONS AND ORAL HEARINGS

Summary of Environmental Protection Agency (Licensing Fees) Regulations 1994 to 2013

The following is a summary of the provisions of the above referenced regulations. Please refer to the full regulations for exact provisions.

(1) A fee shall be paid to the Agency in respect of an objection.

Fees for an objection

(2) Subject to (3) below, the fee payable under (1) above shall be the amount indicated in column (3) of the table below opposite the appropriate mention of objection in column (2) of the table below.

(3) Where an objection is made to the Agency by -
   (a) a local authority,
   (b) a planning authority,
   (c) a sanitary authority,
   (d) the National Monuments Advisory Council,
   (e) the Heritage Council
   (f) Inland Fisheries Ireland,
   (g) Failte Eireann
   (h) in the case of an activity any part of which is situate within the functional area of the Shannon Free Airport Development Company Ltd., that Company, and
   (h) An Taisce - The National Trust for Ireland,
   the fee payable in respect of the objection shall be the amount indicated in column (3) of the table below opposite the mention of a reduced fee for an objection in column (2) of the table below.

Fee for request for an oral hearing

(1) Where a person making an objection under Section 87(5) of the Act of 1992, as amended, requests an oral hearing of the objection, a fee shall be paid to the Agency by that person. The fee payable in respect of a request for an oral hearing shall be the amount indicated in column (3) of the table below opposite the mention of the fee for an oral hearing in column (2) of the table below.

<table>
<thead>
<tr>
<th>Column (1)</th>
<th>Column (2)</th>
<th>Column (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Objection Fees</td>
<td>Objection by the applicant or licensee</td>
<td>€253</td>
</tr>
<tr>
<td></td>
<td>Objection by any other person other than a person mentioned at 3 above</td>
<td>€126</td>
</tr>
<tr>
<td>Reduced Objection fee (see 3 above)</td>
<td>Reduced fee for an objection</td>
<td>€63</td>
</tr>
<tr>
<td>Oral Hearing Fee</td>
<td>Fee for request for an oral hearing</td>
<td>€100</td>
</tr>
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INDUSTRIAL EMISSIONS LICENCE
Proposed Determination

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<th>P0862-02</th>
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<tr>
<td>Licensee:</td>
<td>Mr. James McGuirk</td>
</tr>
<tr>
<td>Location of Installation:</td>
<td>Tetoppa, Dunraymond, County Monaghan.</td>
</tr>
</tbody>
</table>
INTRODUCTION

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

Mr. James McGuirk operates a poultry rearing installation at Tetoppa, Dunraymond, County Monaghan; a rural area located approximately 7km south of Monaghan town. The licensee was issued a licence (P0862-01) on the 04/08/2009. The licence was amended by Technical Amendment A on the 22/04/2013 and Section 82A(11) Amendment on the 16/12/2013.

The installation currently comprises three broiler houses with a total capacity of 77,000 places. Planning permission was granted for an expansion to the site involving demolition of one existing poultry house and construction of two additional poultry houses, increasing the capacity of the activity to 110,000 broilers.

The activity is above the IE licensing threshold of 40,000 places specified under Annex 1 of the Industrial Emissions Directive and the First Schedule of the EPA Act 1992 as amended. This licence limits the number of birds (broilers) housed at the installation to 110,000.

For the purposes of the Industrial Emissions Directive (2010/75/EC), the activity carried out by Mr. James McGuirk is included in Category 6.6(a) of Annex 1 of the Directive.

The licence sets out in detail the conditions under which Mr. James McGuirk will operate and manage this installation.
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# Glossary of Terms

All terms in this licence should be interpreted in accordance with the definitions in the Environmental Protection Agency Act 1992 as amended/Waste Management Act 1996 as amended, unless otherwise defined in the section.

<table>
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<tr>
<th>Term</th>
<th>Definition</th>
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<tbody>
<tr>
<td>AER</td>
<td>Annual Environmental Report.</td>
</tr>
<tr>
<td>Agreement</td>
<td>Agreement in writing.</td>
</tr>
<tr>
<td>Annually</td>
<td>All or part of a period of twelve consecutive months.</td>
</tr>
<tr>
<td>Application</td>
<td>The application by the licensee for this licence.</td>
</tr>
<tr>
<td>Appropriate Facility</td>
<td>A waste management facility, duly authorised under relevant law and technically suitable.</td>
</tr>
<tr>
<td>Attachment</td>
<td>Any reference to Attachments in this licence refers to attachments submitted as part of this licence application.</td>
</tr>
<tr>
<td>BAT</td>
<td>Best Available Techniques.</td>
</tr>
<tr>
<td>BAT conclusions</td>
<td>A document containing the parts of a BAT reference document laying down the conclusions on best available techniques, their description, information to assess their applicability, the emission levels associated with the best available techniques, associated monitoring, associated consumption levels and, where appropriate, relevant site remediation measures.</td>
</tr>
<tr>
<td>BAT reference document</td>
<td>A document drawn up by the Commission of the European Union in accordance with Article 13 of the Industrial Emissions Directive, resulting from the exchange of information in accordance with that Article of that Directive and describing, in particular, applied techniques, present emissions and consumption levels, techniques considered for the determination of best available techniques as well as BAT conclusions and any emerging techniques.</td>
</tr>
<tr>
<td>Biannually</td>
<td>At approximately six-monthly intervals.</td>
</tr>
<tr>
<td>Biennially</td>
<td>Once every two years.</td>
</tr>
<tr>
<td>BOD</td>
<td>5 day Biochemical Oxygen Demand (without nitrification suppression).</td>
</tr>
<tr>
<td>CEN</td>
<td>Comité Européen De Normalisation – European Committee for Standardisation.</td>
</tr>
<tr>
<td>COD</td>
<td>Chemical Oxygen Demand.</td>
</tr>
</tbody>
</table>
Containment boom
A boom that can contain spillages and prevent them from entering drains or watercourses or from further contaminating watercourses.

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

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
07:00 hrs. to 19:00 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.

EIS
Environment Impact Statement.

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

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

EPA
Environmental Protection Agency.

European Waste Catalogue (EWC)

Evening Time
19:00 hrs. to 23:00 hrs.

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

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

Freeboard
The difference in elevation between the maximum elevation of the washwater and the minimum elevation of the storage tank (i.e. the minimum spare vertical height between tank contents and point of over-topping).
Groundwater: Has the meaning assigned to it by Regulation 3 of the European Communities Environmental Objectives (Groundwater) Regulations 2010 (S.I. No. 9 of 2010).


ha: Hectare

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

IE: Industrial Emissions.

IFI: Inland Fisheries Ireland.

Incident: The following shall constitute as 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 Act 1992 as amended 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.

Intensive Pig and/or Poultry Unit: Activities which are required to hold an IE Licence.

Irish Water: Irish Water, Colvill House, 24/26 Talbot Street, Dublin 1.

L_{Aeq,T}: This is the equivalent continuous sound level. It is a type of average and is used to describe a fluctuating noise in terms of a single noise level over the sample period (T).

L_{A,T}: The Rated Noise Level, equal to the L_{Aeq} during a specified time interval (T), plus specified adjustments for tonal character and/or impulsiveness of the sound.

Licensee: Mr. James McGuirk, Tetoppa, Durraraymond, County Monaghan.

Local Authority: Monaghan 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.

Manure

Animal faeces, urine, washwater and any associated feed or bedding.

Monthly

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

Night-time

23:00 hrs. to 07:00 hrs.

Noise-sensitive location (NSL)

Any dwelling house, hotel or hostel, health building, educational establishment, place of worship or entertainment, or any other premises or area of high amenity which for its proper enjoyment requires the absence of noise at nuisance levels.

Odour-sensitive location

Any dwelling house, hotel or hostel, health building, educational establishment, place of worship or entertainment, or any other premises or area of high amenity which for its proper enjoyment requires the absence of odour at nuisance levels.

Organic fertiliser

Any fertiliser other than that manufactured by 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.

Owner/operator

IE licensee.

Poultry

Shall be construed in accordance with Regulation 2(2) of the European Communities (Poultry and Hatching Eggs) Regulations 2010 (S.I. No. 564 of 2010).

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.

Relevant Hazardous Substances

Those substances or mixtures defined within Article 3 of Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation) which, as a result of their hazardousness, mobility, persistence and biodegradability (as well as other characteristics), are capable of contaminating soil or groundwater and are used, produced and/or released by the installation.

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.

Soil

The top layer of the Earth’s crust situated between the bedrock and the surface. The soil is composed of mineral particles, organic matter, water, air and living organisms.

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.

Washwater  Water contaminated by use in the washing of yards and animal housing.

Waste  Any substance or object which the holder discards or intends or is required to discard.

Water Services Authority  Monaghan County Council.

Weekly  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.
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 Act 1992 as amended.

In reaching this decision the Environmental Protection Agency has considered the documentation relating to the current licence, Register Number: P0862-01 and the review application Register Number: P0862-02. This includes supporting documentation received from the applicant, all submissions received from other parties, the report of the Licensing Inspector and the Environmental Impact Assessment (EIA) report contained therein.

It is considered that the Environmental Impact Assessment Report (as included in the Inspectors Report dated 13th January 2016) contains a fair and reasonable assessment of the likely significant effects of the licensed activity on the environment. The assessment as reported is adopted as the assessment of the Agency. Having regard to this assessment, it is considered that the proposed activity, if managed, operated and controlled in accordance with the licence will not result in the contravention of any relevant environmental quality standards or cause environmental pollution.

A screening for Appropriate Assessment was undertaken to assess, in view of best scientific knowledge and the conservation objectives of the site, if the activity, individually or in combination with other plans or projects, is likely to have a significant effect on a European Site(s). In this context, particular attention was paid to the European site(s) at Slieve Beagh SPA, and Kilroosky Lough cluster SAC.

The Agency considered, for the reasons set out in the Inspector's Report (Section 13.1), that the activity is not directly connected with or necessary to the management of the site as a European site and that it can be excluded, on the basis of objective information, that the activity, individually or in combination with other plans or projects will have a significant effect on a European site, and accordingly the Agency determined that an Appropriate Assessment of the activity was not required.
Part I Schedule of Activities Licensed

In pursuance of the powers conferred on it by the Environmental Protection Agency Act 1992 as amended, the Agency proposes to determine the review of the existing licence (Reg. No. P0862-01) granted to:

Mr. James McGuirk, Tetoppa, Dunraymond, County Monaghan

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

6.1(a) The rearing of poultry in installations where the capacity exceeds 40,000 places

at Tetoppa, Dunraymond, County Monaghan, subject to the following twelve Conditions, with the reasons therefor and associated schedules attached thereto.
Part II Conditions

Condition 1. Scope

1.1 Industrial Emissions Directive 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 the Drawing No. 1 received 30th June 2015, ‘Site layout plan’ of the application. 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 IE licensing under the EPA Act 1992 as amended 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 shall have effect in lieu of the licence granted on 04/08/2009 (Register No P0862-01).

Reason: To clarify the scope of this licence.
Condition 2. Management of the Installation

2.1 Installation Management

2.1.1 The licensee shall ensure that a person in charge, as defined under the terms of the Environmental Protection Agency Act 1992 as amended shall be available on-site to meet with authorised persons of the Agency at all reasonable times.

2.2 Documentation

2.2.1 The licensee shall maintain and implement an environmental management documentation system.

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

2.2.3 The licensee shall establish, maintain and implement a Resource Use and Energy Programme.

2.2.4 The licensee shall maintain and implement a programme for maintenance of all plant and equipment based on the instructions issued by the manufacturer/supplier or installer of the equipment. Appropriate record keeping shall support this maintenance programme.

2.3 Corrective Action

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

2.3.2 Where a breach of one or more of the conditions of this licence occurs, the licensee shall without delay take measures to restore compliance with the conditions of this licence in the shortest possible time.

2.4 Awareness and Training

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

2.4.2 Personnel/contractors performing specifically assigned tasks shall be qualified on the basis of appropriate education, training and/or experience, as required.

2.5 Communications Programme

2.5.1 The licensee shall maintain and implement a Public Awareness and Communications Programme to ensure that members of the public can obtain information at the installation, or as otherwise agreed by the Agency, at all reasonable times, concerning the environmental performance of the installation.

**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 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 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.

3.3 Tank, Container and Drum Storage Areas

3.3.1 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).

3.3.2 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.

3.3.3 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.

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

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

3.4 The licensee shall have in storage an adequate supply of containment booms and/or suitable absorbent material to contain and absorb any spillage at the installation. Once used, the absorbent material shall be disposed of/recovered at an appropriate facility.

3.5 The washwater storage tanks shall be fitted with high level indicators within twelve months of the date of grant of this licence.

3.6 The licensee shall provide a minimum of 26 weeks storage of organic fertiliser on-site or have a contract providing exclusive access to adequate alternative storage capacity located outside the installation, have a contract for the transfer of organic fertiliser to a treatment facility for livestock manure, or have a contract for the transfer of the organic fertiliser to a person registered under and in accordance with the European Communities (Transmissible Spongiform Encephalopathies and Animal By-products) Regulations 2008 S.I. 252 of 2008 to undertake the transport of manure.

3.7 The licensee shall install and maintain a water meter on all water supplies serving the installation within six months from the date of grant of this licence. Records of water usage shall be maintained on site and a summary records report shall be submitted annually as part of the AER.

3.8 The licensee shall undertake annual maintenance of the broiler house heating systems and the back-up generator.

3.9 All wellheads, as shown on Drawing No 1 received 30th June 2015, ‘Site layout plan’ of the licence application shall be adequately protected to prevent contamination or physical damage.

3.10 The licensee shall establish, maintain and implement a rodent and pest control programme.

**Reason:** To provide for appropriate operation of the installation to ensure protection of the environment.
Condition 4. Interpretation

4.1 Noise

Noise from the installation shall not give rise to sound pressure levels (L_{Aeq,T}) measured at noise sensitive locations which exceed the limit value(s).

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

Condition 5. Emissions

5.1 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.

5.2 No polluting matter shall be discharged to the surface water drainage system.

5.3 There shall be no emissions to air of environmental significance.

5.4 There shall be no emissions to water of environmental significance.

5.5 There shall be no process effluent emissions to sewer.

5.6 The licensee shall ensure that all or any of the following: vermin, flies and/or dust, associated with the activity do not result in an impairment of, or an interference with, amenities or the environment at the installation or beyond the installation boundary or any other legitimate uses of the environment beyond the installation boundary. Any method used by the licensee to control or prevent any such impairment/interference shall not cause environmental pollution.

5.7 Odour Control

The licensee shall, within twelve months of the date of grant of licence, submit an odour management programme for agreement with the Agency outlining odour reduction and abatement measures, including timeframes for implementation, appropriate for the site. The odour management programme shall be reviewed annually and amendments thereto notified to the Agency for agreement as part of the AER. A report on the programme, including the success in meeting odour reduction on site, shall be prepared and submitted to the Agency as part of the AER.

Reason: To provide for the protection of the environment by way of control and limitation of emission.

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 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.

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

6.5 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.

6.6 The licensee shall, within six months of date of grant of this licence, submit a programme for
   agreement with the Agency on the assessment of underground and over-ground effluent
   storage tanks, pipelines and liquid feed storage tanks to ensure that all storage tanks and
   pipelines are assessed, and at least once every five years. In the case of new storage facilities
   installed on site, the assessment shall be undertaken in advance of utilisation. A report on
   such assessment shall be included in the AER, together with proposals for repair of any
   significant defects found.

6.7 Bund Integrity

   The integrity and water tightness of all 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 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. A report
   on such tests shall be included in the AER.

6.8 The licensee shall inspect the integrity of the floors of all deep litter houses after each wash
   down and shall undertake remedial actions to repair any damaged or cracked floors as
   necessary. The licensee shall maintain a record of all inspections and remedial actions taken.

6.9 The licensee shall ensure that all manure generated on-site is stored in a manner which does
   not pollute ground or surface waters.

6.10 Storm Water

   6.10.1 A visual examination of the storm water discharge shall be carried out weekly. A log
   of such inspections shall be maintained.

   6.10.2 The licensee shall, within twelve months of the date of grant of this licence, assess
   the installation of silt traps/swales on the drainage system. The results of the
   assessment shall be submitted to the Agency as part of the AER.

   6.10.3 The stormwater drainage system (i.e., gullies, manholes, any visible conduits and
   such other aspects as may be agreed) shall be visually inspected weekly and after
   wash out of a poultry house, and desludged as necessary. Bunds, shall be inspected
   weekly, desludged as necessary and properly maintained at all times. All sludge and
   drainage from these operations shall be collected for safe disposal. The drainage
   system, shall be properly maintained at all times. The licensee shall provide and
   subsequently maintain a rainwater collection and drainage system for all poultry
   housing on-site.

   6.10.4 The licensee shall divert all uncontaminated surface water run-off from roofs and
   non-contaminated impervious areas of the site, to the surface water drainage system.
   The licensee shall maintain an inspection chamber(s) at the outlet(s) of the surface
   water drainage system.
6.10.5 There shall be no unauthorised discharge of polluting matter to water.

6.10.6 The licensee shall monitor storm water discharges in accordance with Schedule C.2.3 Monitoring of Storm Water Emissions of this licence. The results of monitoring shall be reported annually as part of the AER.

6.11 The licensee shall calculate and record the quantity of organic fertiliser stored on-site on the 1st January annually. The licensee shall maintain the record on-site and the record shall be available for inspection by authorised persons, including Agency personnel.

6.12 The licensee shall ensure that a freeboard of at least 200 mm from the top of each covered washwater storage tanks and 300 mm from the top of uncovered washwater storage tanks is maintained, as a minimum, at all times. The required freeboard shall be clearly indicated in the tank.

6.13 Underground, partly underground or overground storage facilities shall conform to the Department of Agriculture, Food and the Marine specifications (S108, S123) or equivalent standard.

6.14 Monitoring of available storage capacity for waste and manure shall be undertaken as outlined in Schedule C.4 Organic Fertiliser Monitoring, of this licence. Results shall be retained on-site and record of the results shall be available for inspection by authorised persons, 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.

6.15 Noise

The licensee shall carry out a noise survey of the site operations as required by the Agency. 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.

6.16 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 determined by reference to EC Regulations No. 166/2006 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.

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 within twelve months of the date of grant of this licence. The audit shall be carried out in accordance with the guidance published by the Agency; “Guidance Note on Energy Efficiency Auditing”. The energy efficiency audit shall be repeated at intervals as required by the Agency.

7.2 The audit shall identify all opportunities for energy use reduction and efficiency and the recommendations of the audit shall be incorporated into a Resource Use and Energy Programme.

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 a Resource Use and Energy Programme.

7.4 The licensee shall undertake an assessment of the efficiency of use of raw materials, including feeds, 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 a Resource Use and Energy Programme.
Condition 8. Materials Handling

8.1 The licensee shall ensure that waste generated in the carrying on of the activity shall be prepared for re-use, recycling or recovery or, where that is not technically or economically possible, disposed of in a manner which will prevent or minimise any impact on the environment.

8.2 All waste that is not reused on site shall be sent off site to an authorised facility for disposal or recovery or reuse.

8.3 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 which will not adversely affect the environment. Such transportation shall be in accordance with the appropriate National and European legislation and protocols.

8.3.1 Animal tissue or carcasses sent off site for disposal/recovery shall be transported in covered, leak-proof containers.

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 Organic fertiliser (poultry litter) shall not be stored in the open pending its collection. Organic fertiliser (poultry litter) shall only be stored in the designated storage area or under the birds within the houses.

8.10 Organic fertiliser shall not be discarded to ground while loading for shipment off site. Any fertiliser spilled during loading shall be collected and returned to storage or to the vehicle into which it was being loaded.

8.11 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.

8.12 Animal tissue or carcasses stored on-site pending disposal shall be placed in covered, leak-proof containers and shall at a minimum be removed fortnightly.

8.13 Organic Fertiliser Movements

8.13.1 The licensee shall record all organic fertiliser movements off-site in an ‘organic fertiliser register’ which shall be available for inspection on-site by authorised persons.
8.13.2 The licensee shall maintain an 'organic fertiliser register' to the satisfaction of the Agency, showing, as a minimum the name, herd number of the customer farmer receiving organic fertiliser, quantity of organic fertiliser, date of movement off site, and details in accordance with Article 23 of S.I. No. 31 of 2014 European Union (Good Agricultural Practice for Protection of Waters) Regulations 2014 and as otherwise specified by the Agency or Department of Agriculture, Food and the Marine.

8.13.3 The licensee shall, on or before the 31st December annually, submit to the Department of Agriculture, Food and the Marine the completed records of movement of organic fertiliser from the installation (referred to as 'Record 3' by the Department of Agriculture, Food and the Marine). The record shall be in accordance with Article 23 of S.I. No. 31 of 2014 European Union (Good Agricultural Practice for Protection of Waters) Regulations 2014 and as otherwise specified by the Agency or Department of Agriculture, Food and the Marine. A copy of the record submitted shall be maintained on site for inspection.

8.13.4 The licensee shall calculate and record by the 31st of January annually:

(a) The quantity of organic fertiliser generated by the animals housed on-site in the previous calendar year;

(b) The total quantity of organic fertiliser moved off site and recorded in the organic fertiliser register and 'Record 3' as submitted to the Department of Agriculture, Food and the Marine in the previous calendar year;

(c) The opening quantity of organic fertiliser (1st January of the previous year) and closing quantity of organic fertiliser (1st January of the current year).

These details shall be submitted to the Agency as part of the AER.

8.14 Recovery of Organic Fertiliser

8.14.1 Where organic fertiliser is not used as a fertiliser on land, the licensee shall by the first of February each year submit details of all proposed recipients of manure for recovery/disposal other than by landspreading. Details required shall include method of recovery/disposal, location of recovery/disposal facility, permit/authorisation for recovery/disposal facility, agreements between recipient and licensee and quantities to be accepted by the recipient.

8.14.2 Recovery/disposal of organic fertiliser shall take place only by methods agreed in advance by the Agency and at agreed recovery/disposal facilities which have appropriate authorisation.

8.14.3 Agreements between the licensee and recipients of organic fertiliser for recovery/disposal, shall not conflict with any conditions of this licence.

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 Where an incident or accident that significantly affects the environment occurs, the licensee shall without delay take measures to limit the environmental consequences of the incident or accident and to prevent further incident or accident.

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.

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 licensee shall notify the Agency in a format as may be specified by the Agency, as soon as practicable after the occurrence of any of the following:

(i) an incident or accident that significantly affects the environment;
(ii) any release of environmental significance to atmosphere from any potential emissions point including bypasses;
(iii) any breach of one or more of the conditions attached to this licence;
(iv) 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
(v) 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 The following shall be notified, as soon as practicable after the occurrence of any incident which relates to a discharge to water:

(i) Inland Fisheries Ireland / Department of Agriculture, Food and the Marine in the case of discharges to receiving waters.

(ii) Irish Water and/or Water Services Authority, in the case of any incident where the discharge(s) have been identified as upstream of a drinking water abstraction point.

11.3 The licensee shall make a record of any notification made under Condition 11.2. This record shall include details of the nature, extent, and impact of, and circumstances giving rise to, the incident or accident. The record shall include all corrective actions taken to manage the incident or accident, minimise wastes generated and the effect on the environment, and avoid recurrence. In the case of a breach of a condition, the record shall include measures to restore compliance. The licensee shall, as soon as practicable following notification, submit to the Agency the record.

11.4 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.

11.5 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.

11.6 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.

11.7 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 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; and

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

11.8 The licensee shall as a minimum ensure that the following documents are accessible at the site:

(i) the licences relating to the installation;

(ii) the previous year’s AER for the installation;
The licensee shall maintain the following records:

(i) Broiler stock levels;
(ii) Floor plan;
(iii) Floor integrity inspection/remedial action records;
(iv) Weekly house humidity & temperature records;
(v) Weekly water consumption;
(vi) Feed delivery records;
(vii) Commercial documents for the transport of animal by-products or derived product, as required by Animal By-product Regulations, sent off site, unless a derogation is applicable;
(viii) Mortality and dead bird disposal;
(ix) Rodent control programme including Bait Point Plan and Bait Replenishment;
(x) Storm water inspection records and test reports;
(xi) Groundwater monitoring results;
(xii) Heating systems and back-up generator maintenance certificates;
(xiii) Hours of operation and reason for operation of back-up generator;
(xiv) Safety Statement;
(xv) Emergency Action Plan; and
(xvi) Chemical inventory and usage.

These records shall be available for inspection by authorised persons of the Agency at all reasonable times.

The licensee shall maintain a record, at least every six months, of the number of animals housed at the installation. These records shall be available for inspection by authorised persons at all reasonable times.

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.

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.

12.1 Agency Charges

12.1.1 The licensee shall pay to the Agency an annual contribution of €2,566.20 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 Act 1992 as amended. 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 Act 1992 as amended, 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 to the satisfaction of the Agency as to the measures taken or adopted at the site, in relation to the prevention of environmental damage, for remedial actions following closure/decommissioning or accidents/incidents, as may be associated with the carrying on of the activity.

12.2.2 The licensee shall have regard to the Environmental Protection Agency’s Guidance on Assessing and Costing Environmental Liabilities (2014) and, as appropriate, Guidance on Financial Provision for Environmental Liabilities (2015) when implementing Condition 12.2.1 above.

Reason: To provide for adequate financing for monitoring and financial provisions for measures to protect the environment.
SCHEDULE A: Limitations

A.1 Animal numbers housed at the installation

<table>
<thead>
<tr>
<th>Animal Class</th>
<th>Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Broilers</td>
<td>110,000</td>
</tr>
</tbody>
</table>

SCHEDULE B: Emission Limits

B.1 Emissions to Air

There shall be no emissions to air of environmental significance.

B.2 Emissions to Water

There shall be no emissions to water of environmental significance.

B.3 Emissions to Sewer

There shall be no process effluent emissions to sewer.

B.4 Noise Emissions

<table>
<thead>
<tr>
<th>Daytime dB $L_{eq}$ (30 minutes)</th>
<th>Evening dB $L_{eq}$ (30 minutes)</th>
<th>Night-time dB $L_{eq}$ (15-30 minutes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>55</td>
<td>50</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 at any noise-sensitive location.
SCHEDULE C: Control & Monitoring

C.1.1. Control of Emissions to Air
There shall be no emissions to air of environmental significance.

C.1.2. Monitoring of Emissions to Air
There shall be no emissions to air of environmental significance.

C.2.1. Control of Emissions to Water
There shall be no emissions to water of environmental significance.

C.2.2. Monitoring of Emissions to Water
There shall be no emissions to water of environmental significance.

C.2.3. Monitoring of Storm Water Emissions

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Monitoring Frequency</th>
<th>Analysis Method/Technique</th>
</tr>
</thead>
<tbody>
<tr>
<td>COD or BOD</td>
<td>As required by the Agency</td>
<td>Standard method</td>
</tr>
<tr>
<td>Visual Inspection</td>
<td>Weekly</td>
<td>Sample and examine for colour and odour.</td>
</tr>
</tbody>
</table>

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 Organic Fertiliser Monitoring

<table>
<thead>
<tr>
<th>Class</th>
<th>Frequency</th>
<th>Parameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organic Fertiliser</td>
<td>Monthly and 1\textsuperscript{st} January annually</td>
<td>Available storage capacity</td>
</tr>
<tr>
<td>Washwater</td>
<td>Monthly</td>
<td>Available storage capacity</td>
</tr>
<tr>
<td>Other, Note 1</td>
<td></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: AGW1 E267872 N326996

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Monitoring Frequency</th>
<th>Analysis Method/Techniques</th>
</tr>
</thead>
<tbody>
<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>Faecal Coliforms</td>
<td>Annually</td>
<td>Standard Method</td>
</tr>
</tbody>
</table>

22
### SCHEDULE D: Annual Environmental Report

<table>
<thead>
<tr>
<th>Annual Environmental Report Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waste management record.</td>
</tr>
<tr>
<td>Resource consumption summary.</td>
</tr>
<tr>
<td>Complaints summary.</td>
</tr>
<tr>
<td>Ambient monitoring summary.</td>
</tr>
<tr>
<td>Tank and pipeline assessment report.</td>
</tr>
<tr>
<td>Bund integrity test.</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.</td>
</tr>
<tr>
<td>Resource use and energy programme.</td>
</tr>
<tr>
<td>Development/Infrastructural works summary (completed in previous year and/or prepared for current year).</td>
</tr>
<tr>
<td>Statement of measures in relation to prevention of environmental damage and remedial actions (Environmental Liabilities).</td>
</tr>
<tr>
<td>Quantity of organic fertiliser generated during the AER reporting year.</td>
</tr>
<tr>
<td>Quantity of organic fertiliser moved off-site and recorded during the AER reporting year.</td>
</tr>
<tr>
<td>Opening and closing quantity of organic fertiliser at the installation.</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.

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**Signed on behalf of the said Agency**  
On the 21st day of January, 2016  
Mary Turner, Authorised Person