



Comhairle Chontae Luimnigh  
Limerick County Council

| Pleanáil

Planning

Comhairle Chontae Luimnigh  
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Tuar an Daill  
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# **Limerick County Council**

## **Planning Department**

### **Planning Application**

### **Further Information Referral**

Planning Application no: 12 / 663

Date of Referral: 4 / 3 / 13

Applicants Name:

Thomas McEnery

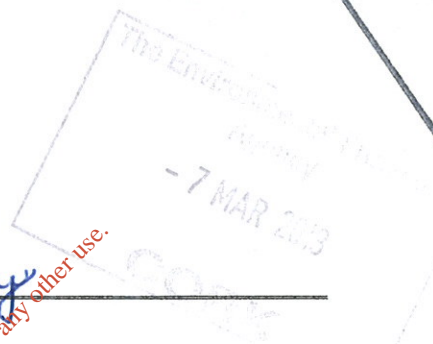
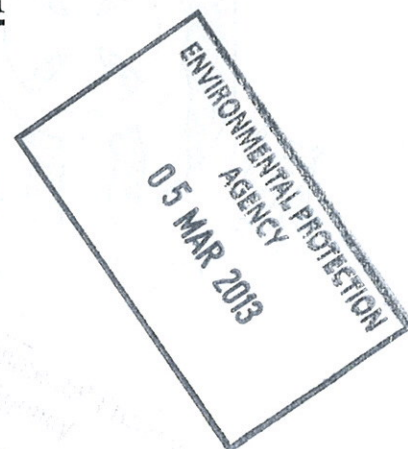
Development Location:

Ballintober East, Newcastle West

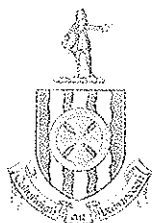
Date Report Required by: 12 / 3 / 13

INTERNAL	EXTERNAL
Water Services	Bodies
S.E.E. Main Rds.	Development App. Section
C.F.O.	An Taisce
S.E.E. Co. Rds.	C.M.O.
Environmental	E.P.A.
Heritage Officer	O.P.W.
Conservation Officer	Bord Gais
Housing Strategy Officer	Iarnród Eireann
Co. Council Archaeologist	R.D.O.
	I.A.R.A.
	N.R.A.

Signed: Colette Shannon-O'Shea, ASO,  
Planning and Development Control



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Planning and Development Control

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**Date: 25<sup>th</sup> February 2013**

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**Planning Section,  
Limerick County Council,  
County Hall,  
Dooradoyle,  
Co. Limerick**

**Ref: 12/663/KB/VK**

**Re: Permission for the construction of a poultry house, use of existing entrance and all associated works (An Environmental Impact Statement has been submitted as part of this application to support this application. This development comprises of an activity in relation to which an Integrated Pollution Prevention and Control (IPPC) Licence under Part IV of the Environmental Protection Agency Act 1992 as amended by the Protection of the Environment Act 2003 is required) at Ballintober East, Newcastle West. Planning Reference No: 12/663**

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Dear Sir/Madam,

I herein acknowledge receipt of your correspondence dated 27<sup>th</sup> September 2012, issued in response to the above referenced Planning Application. Having reviewed the request we herein respond to each of the issues in the same numerical format raised, on behalf of our client Mr. Thomas Mc Enery of Ballintober East, Newcastle West, Co. Limerick.

**1.**

***Soiled Water Disposal***

- (a) The waste water generated at the site from the site operations is removed to the applicant's agricultural land in accordance with S.I. No 610 of 2010 – European Communities (Good Agricultural Practice for Protection of Waters) Regulations 2009.
- (b) Mr. Thomas Mc Enery will remove the soiled waters from the site to his agricultural land only. No soiled water will be removed to lands outside of the ownership of Mr. Mc Enery.

Attached to this Request for Information reply is a Land Holding Map (*Attachment 1*) showing all lands under Mr. Mc Enery's ownership, clearly marked inside blue boundary.

- (c) The land onto which the soiled water will be applied is owned by the applicant, Mr. Thomas Mc Enery, therefore a letter of consent is not applicable in this case.
- (d) Vulnerability is a term used to represent the intrinsic geological and hydro-geological characteristics that determine the ease with which groundwater may be contaminated by human activities. Geological Survey of Ireland indicates groundwater beneath the site has been assigned a vulnerability rating of 'low' (L). This indicates that there is at least 10 metres of subsoils overlying the aquifer beneath the site. Ground-water monitoring will be carried out at the point FW1.
- (e) The attached Geological Survey of Ireland map (*Attachment 2*) indicates that there is only one well within the spread land area which is the applicant's own land as shown in the Land Holding Map attached.

#### **"Closed Period"**

On site there is currently a 5,000 gallon precise underground effluent tank which holds all washings from poultry and soiled water from yards. The tank construction conforms to the Department of Agriculture, Food and the Marine specifications S108 and S123. The proposed soiled water tanks which will be located at the front of the proposed poultry house will have a capacity of approximately 23m<sup>3</sup>. During the closed period from October 15<sup>th</sup> to January 15<sup>th</sup>, washings from underground tanks are transferred to a perma store overground tower which holds 279,000 gallons.

#### ***Poultry Litter Disposal***

- (a) The poultry litter from the unit at Ballintober East, Newcastlewest, Co. Limerick is supplied to Custom Compost of Ballyminaun Hill, Gorey, Co. Wexford, for use in the production of Mushroom Compost (See attached Waste Acceptance Agreement – *Attachment 3*). The litter is removed off site the same day as shed cleaning is carried out. No litter from this farm has been used as agricultural fertiliser in the past 19 months and it is the intention of Thomas Mc Enery, to continue forwarding all litter in future for composting.
- (b) As referenced previously all the poultry litter from this farm has been used in the production of mushroom compost (Ref *Attachment 3*). In

page 13 of the E.I.S. submitted with planning application, under paragraph titled “Poultry Litter” we stated:

*“The poultry litter from this unit is supplied to Custom Compost of Ballyminaun Hill, Gorey, Co Wexford, for use in the production of Mushroom Compost. The litter is removed off site on the same day as shed cleaning is carried out. No litter from this farm has been used as agricultural fertilizer in the past 12 months, and it is intended to forward all litter in future for composting.”*

This has continued to be the case since that date, and will continue into the future.

However in the event that litter from this farm has to be sent to agricultural land, there is an agreement in place with Mr. Gavin Owens of Strawchip Ltd, Ballycullane Athy Co Kildare (See **Attachment 4**). The application of poultry litter to farmland is now regulated under S.I. No. 610 of 2010 and distribution of poultry litter from this farm will comply with those regulations. This facility is entitled to supply poultry litter to a farmer who wants it, and is obliged to record all dispatches from the holding. The farmers acquiring poultry litter are also obliged to record all consignments acquired and to use it in compliance with the regulations. Poultry litter will not be supplied to customer farms between 15th October and 15th January in any year except with the consent of the local authority, or any other relevant authority. Outside that period, poultry litter will be supplied from the site to a customer farmer, only in response to an order. Managed and used in this way, poultry litter produced at this facility will not have any adverse impact on environmental parameters either inside or outside the site.

A register will be maintained on site, recording the date of delivery of poultry litter, the farmer’s name it was delivered to, the nutrient content, and same will be submitted to the Nitrates Division of the Dept of Agriculture at the end of the year, in the “Record 3 Format”.

- (c) In the event that some litter from this farm were to be utilized as fertilizer, a letter of consent is included from Mr Gavin Owens of Strawchip Ltd, Ballycullane Athy Co Kildare. (See **Attachment 4**)
- (d) Attached is a Waste Acceptance Agreement (**Attachment 3**) from Custom Compost of Ballyminaun Hill, Gorey, Co. Wexford confirming that Thomas Mc Enery is a supplier of Poultry Litter to their Wexford facility.

## 2. Wash Water Details

Water usage is kept to a minimum due to the cost of pumping water to wash houses. Washing of the Poultry Houses is carried out by a professional company who use high & ultra high pressure water jetting equipment to wash out the poultry houses.

Below are the calculations of wash water arising as a result of the washing of the existing individual houses 1, 2 and 3, the proposed new poultry house, and the service concrete areas adjacent to these houses.

### Wash water Volumes

The professionals, who provide the power washing service at this farm, utilize 30 litres/min, during washing operation.

House No 1	4 hours 7,200 litres
House No 2	2 hours 3,600 litres
House No 3	1.5 hours 2,700 litres
Proposed House No 4	Estimated 5 Hours 9,000 litres

The Calculated Area of Concrete Apron surrounding the existing and new House is 33m x 36m. Yards are power-washed after out-loading from each crop of bird. The average utilization of water is calculated thus:

Concrete yard area – 1 hour 1,800 Litres

Finally in the event that this proposed house is developed, it is intended to convert House No 3 to a store, thereby ceasing its utilization as a stock shed. Therefore the total maximum volume of wash water generated during a batch turn out from this farm will be 21,600 litres (4,747 Gallons).

The flow-paths of effluents are shown on the attached drawing, 002-02 Site Plan Washing (*Attachment 5*).

As requested an analysis of the washings from existing poultry houses is included (*Attachment 6*) to confirm that they are in fact soiled water as defined in the EC (Good Agricultural Practice for Protection of Waters) Regulations 2010.

## 3. Residential Properties

See attached Record Place Map (*Attachment 7*) showing all residential properties within 400 metres of the site circled in green.

## 4. Wash Water Storage Tanks

On site there is currently a 5,000 gallon precise underground effluent tank which holds all washings from the poultry houses and soiled water from yards. The tank construction will conform to the Department of Agriculture, Food and the Marine

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NRGE Ltd.

specifications: No 123 – Minimum Specification for Bovine Livestock Units and Reinforced Tanks, No S108 – Manure Pits and Dung sheds.

During the closed period, the contents of this tank, are pumped into the over ground permastore tank, which is adjacent to this yard, which has a reserve capacity of over 20,000 Gallons (91,000 litres) available for the poultry unit, which is well in excess of the regulatory requirements.

## **5. Existing Water Supply**

The main water supply on site is from the public scheme water. All water usage on site is metered. The farm well (indicated as FW1 of the Rural Place Map *Attachment 8*) is used as an emergency backup only.

## **6. Disposal Arrangements**

The Poultry carcasses collected from this farm by Ward Waste Products Ltd. are delivered to Munster Proteins Ltd. t/a Waterford Proteins located at Christendom, Ferrybank, Waterford, Co. Waterford, which operates under licence NO P0040-02. A record is maintained on site of these collections, and same are available for inspection by regulatory bodies (EPA, Dept Agriculture, Limerick county Council, Bord Bia etc), during normal working hours.

## **7. Rodent Baiting Locations**

It is important to control vermin and rodents and other pests in the farmyard to prevent disease spread particularly by contamination of feedstuffs. In accordance with An Bord Bia standards, each producer must operate and maintain an effective rodent control programme in the farmyard.

Currently there are nineteen baiting boxes placed around the site, indicated by yellow boxes in the enclosed Grower Site Plan (*Attachment 9*). The number of baiting boxes will increase as per the construction of the proposed house. The following requirements will be implemented at Thomas McEnery's Poultry Unit:

- A site map identifying the locations of the bait points (to be updated pending construction of the proposed building). All baiting boxes will be secured, numbered and clearly indicated on this site map.
- Where baiting supplies are stored on site, the store will be kept locked.
- Inspections for pest control will be made and recorded on a weekly basis. Enclosed is a copy of the records kept with regards to Rodent Control as of 18<sup>th</sup>/19<sup>th</sup> December 2012 (*Attachment 9*).
- All air vents and intake points will be covered with a 1.2mm screen to prevent pests from entering the houses.
- An annual review of the Rodent Management Plan will be carried out to ensure that it is suitable for the unit and is working correctly.

## 8. Wash Water Details

The professionals, who provide the power washing service at this farm, utilize 30 litres/min, during washing operation.

House No 1	4 hours 7,200 litres
House No 2	2 hours 3,600 litres
House No 3	1.5 hours 2,700 litres
Proposed House No 4	Estimated 5 Hours 9,000 litres

The Calculated Area of Concrete Apron surrounding the existing and new House is 33m x 36m. Yards are power-washed after out-loading from each crop of bird. The average utilization of water is calculated thus;

Concrete yard area – 1 hour 1,800 Litres.

Finally in the event that this proposed house is developed, it is intended to convert House No 3 to a store, thereby ceasing its utilization as a stock shed. Therefore the total maximum volume of wash water generated during a batch turn out from this farm will be 21,600 litres (4747 Gallons).

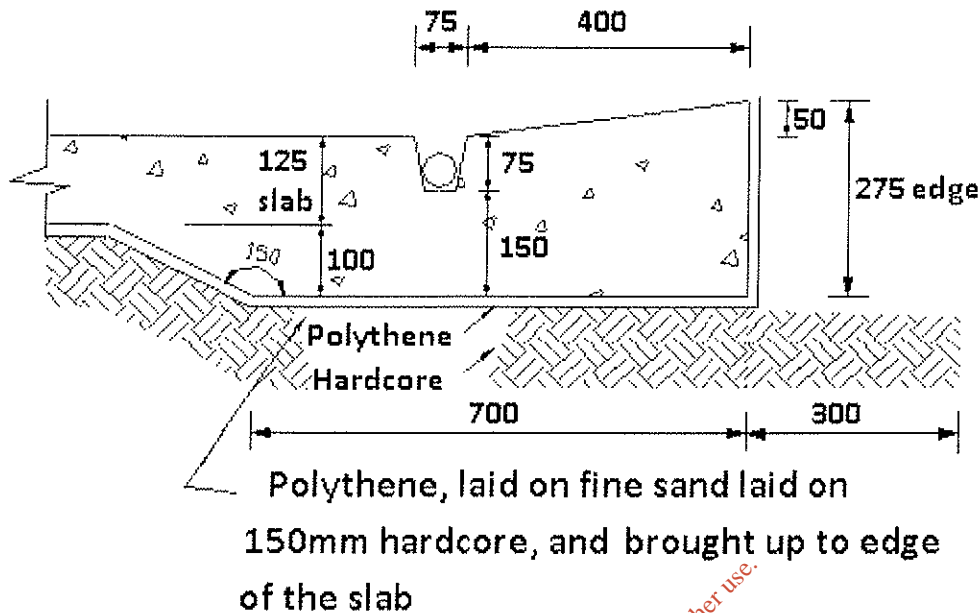
The flow-paths of effluents are shown on the attached drawing, 002-02 Site Plan Washing (*Attachment 5*).

## 9. Surface Water

The site has no river or water bodies but contains a small drainage ditch which drains the site and surrounding agricultural land. Surface water run-off from roofs and non contaminated, impervious areas on site exits the site through SW1. A sample from this monitoring point will be taken on a quarterly basis and tested for COD at an independent laboratory. SW1 is identified on the Rural Place Map (*Attachment 10*).

The design of sampling and inspection chamber SW1 is shown in Figure 1 below. The location of SW1 is indicated on the Rural Place Map, Monitoring Points and Water Supply Locations, attached.

**Figure 1      Diversion Trap for Clean-water Run-off from Base**



#### 10. Noise Survey

Attached to this reply is a Noise Monitoring Report carried out by Mr. Michael Mc Eniry of NRG Ltd. on 22<sup>nd</sup> December 2012. (*Attachment 11*)

#### 11. Unexpected/unforeseen contamination

If a release occurs such as from the wash water tanks overflowing, the first priority is to contain the release and prevent the wash water from spreading.

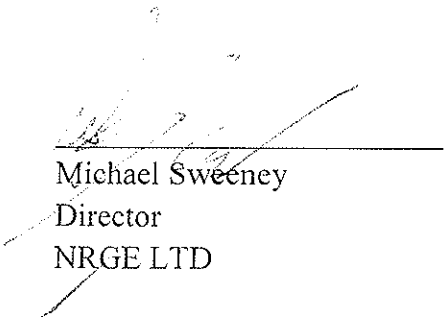
The impervious yard area is constructed in such a manner that the curbing and the falls of the yard, as indicated in drawing 002 – 2 attached, will direct the overflow to the collection tank as per S129; Minimum Specification for Farmyard drainage, concrete yards and roads.

During the closed period, the contents of this tank, are pumped into the over ground permastore tank, which is adjacent to this yard, which has a minimum reserve capacity of over 20,000 Gallons (91,000 litres) available for the poultry unit, which is well in excess of the regulatory requirements.

However on most occasions there is well in excess of this reserve capacity available. In these circumstances and due to the low volumes of soiled water generated, we are confident that this risk is eliminated.

I trust that this submission meets with your requirements.

Yours Sincerely



Michael Sweeney  
Director  
NRGE LTD

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### **List of Attachments**

ATTACHMENT 1:	Farm Holding Map
ATTACHMENT 2:	Geological Survey of Ireland Map
ATTACHMENT 3:	Acceptance Agreement with Custom Compost
ATTACHMENT 4:	Agreement Letter from Mr Gavin Owens
ATTACHMENT 5:	Sit Map with flow path of Effluents
ATTACHMENT 6:	Analyses of wash water
ATTACHMENT 7:	Map showing Residential Dwellings
ATTACHMENT 8:	Location Map of Site well.
ATTACHMENT 9:	Grower Site Plan with Bait Points & Records
ATTACHMENT 10:	Map showing location of SW1.
ATTACHMENT 11:	Noise Survey Report