

25/11/13

Ewa

Attached schedule of  
Conditions as per An Bord  
Pleanála decision - Re: Cond 11.  
Also, internal Report  
from Environment & Water  
Services Departments.

If you require further  
photocopying can I please  
ask you to contact Admin.  
namely Anne Murray

Any other queries  
please do not hesitate to  
contact me.

Regards

Anne Doyle

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Doyle, Anne

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From: Bourke, Tim  
Sent: 13 January 2012 12:55  
To: McCarthy, Pat  
Cc: Doyle, Anne  
Subject: PD11/455 Ormonde Organics Ltd..

Pat,

There is no trade effluent discharge proposed to either surface water or ground water.  
Surface water drainage proposals are satisfactory.

Foul water drainage is for domestic sewerage only and is the equivalent flow of a single house and therefore does not require a licence.

Water supply is private and we do not have public mains in the area.

There may be a need for some sort of bunding or other means of containing an accidental spillage to ensure that no contaminated material escapes to surface or ground waters and this should be clarified with the applicant. This would be my only concern from a water services point of view.

Tim Bourke,  
Water Services.

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ENVIRONMENTAL PROTECTION  
AGENCY  
27 NOV 2013



**Environment Section**

**Engineer's Report and Recommendations**



<b>Subject:</b>	Ormonde Organics, Composting Facility (11/392) <sup>455</sup>		
<b>Reason For Report:</b>	Environment Section comments on Planning Application received 18 <sup>th</sup> November 2011		
<b>Author:</b>	Aoife O'Flaherty	<b>Date:</b>	13 <sup>th</sup> Jan 2012
<b>Refer to:</b>	Ann Doyle E.P	<b>Date:</b>	13 <sup>th</sup> Jan 2012
<b>Comments</b>	Approved 16/1/12		
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<b>Approved:</b> (DoS Planning / Environment)	<b>Date:</b>		

Please E-Mail to the Author a copy of any correspondence resulting from this report in addition to filing a hard copy in the Environment Section files.

ENVIRONMENTAL PROTECTION  
AGENCY  
27 NOV 2013

## Background:

### Previous Planning

Ormonde Organics received planning permission from An Board Pleanála PL 24.215781 on the 16<sup>th</sup> June 2006 for the proposed composting facility. The development description for this particular grant of permission consisted of *"the proposed composting facility in accordance with the said plans and particulars"*.

It is important to note Condition 2 of this permission which states the following;

2. The composting facility shall only accept source segregated organic waste that complies with the following European Waste Catalogue Codes;-

20 01 08 Household biodegradable Kitchen and Canteen Waste.

20 02 01 Other biodegradable waste,

19 08 05 Sludges from the treatment of urban wastewater, and

20 03 04 Septic tank sludges

This permission included a maximum intake for sewage sludge waste materials of 40,000 tonnes per annum.

### Waste Authorisation

Under Waste Management Act, 1996 as amended, sewage sludges are exempt from the requirement to hold waste authorisation. However other waste such as canteen waste, biodegradable waste, industrial sludges require waste authorisation.

A Waste Facility Permit (WFP-WD-10-0003-01) was granted by Waterford County Council on the 21<sup>st</sup> February 2011 to Ormonde Organics Ltd, Killowen, Portlaw Co. Waterford for *'the acceptance, recovery and storage of household biodegradable kitchen and canteen waste, Industrial biodegradable & sludge waste and also for garden and park waste. This waste facility permit relates to the indoor composting of biowaste & biosolids on lands at, Killowen, Portlaw, Co. Waterford.'* The following wastes were permitted to be accepted at the facility:

- EWC 20 01 08 (biodegradable kitchen and canteen waste) – 7,000 t.p.a
- EWC 20 02 01 (biodegradable waste) – 1,000 t.p.a

This requires approval from the Department of Agriculture Food and Fisheries (DAFF) under the Animal By Product (ABP) Regulations.



A Review of the Waste facility Permit ( WFP-WD-10-0003-02) was also granted to Ormonde Organics on June 14<sup>th</sup> 2011 to accept the following range of industrial sludge's

- EWC 02 05 02: Sludges from on-site effluent treatment**
- EWC 02 07 01: Wastes from washing, cleaning and mechanical reduction of raw materials.**
- EWC 02 07 05: Sludges from on-site effluent treatment**
- EWC 02 07 04: Materials unsuitable for consumption and processing**
- EWC 07 05 12: Sludges from on-site effluent treatment other than those mentioned in 07 05 11**
- EWC 20 01 25: Edible oil and fat**

### Current Planning

Ormonde Organics submitted a valid planning permission application to Waterford County Council Planning Authority on 23<sup>rd</sup> September 2011 under Pd 11/392. This application is in reference to "acceptance and recovery of new source segregated non-hazardous organic wastes to the composting facility, which fall under the following European Waste Catalogue Code Chapters:

- (02 00 00) – wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing;
- (07 00 00) – wastes from organic chemical processes;
- (19 00 00) – Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use;
- (20 00 00) – Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions.

No increase in the maximum permitted tonnages was proposed as per PL24.215781.

This application is currently on further information.

### Main Report:

#### Existing Composting Process (Sewage Sludge waste):

Ormonde Organics is currently operating a composting facility on lands at Killowen, Portlaw, Co. Waterford. This facility accepts sewage sludge and industrial waste material from waste water treatment plants nationally for processing and recovery resulting in an end product of compost.

#### Existing Facility Details:

<b>Owner:</b>	Ormonde Organics Ltd.
<b>Contact:</b>	Séan Mcgrath Facility Manager
<b>Location:</b>	Killowen, Portlaw, Co. Waterford

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Site Size:	3.11 Hectares
Feed stock:	Sewage Sludge from WWTP
Facility Capacity:	40,000 tpa (currently operating @ 25,000 tpa)

➤ **Processing Equipment:**  
Industrial loader, Auger Blender, nine vacuum aerated zones, C:N compost system, Blower gallery, Building ventilation and bio-filter.

➤ **Composting Process and Residence Time:**  
Sewage Sludge waste materials from WWTP's are delivered to the facility and tipped within the enclosed building. This material is blended with dry carbonaceous materials in the mixer and formed into loaves over the aeration lances, the material is aerated and turned over a four to five week period to ensure odour removal, pasteurisation and moisture removal. The resultant compost is then used in agricultural land spreading practices.

Proposed Works:

Ormonde Organics proposes to construct an anaerobic digestion plant. The proposed development comprises inter alia the upgrading and extension of the existing Composting Facility, including provision of Anaerobic Digester tanks with associated Combined Heat and Power Plant, air lock entrances to the existing facility, and extension of the existing facility to provide complete separation of wastes comprising animal by-products in accordance with the relevant Regulations.

The maximum permitted intake of waste material under the planning permission from An Board Pleanála PL 24.215781 of 40,000 tonnes per annum is unchanged by the proposed development. However, it is important to note that proposed changes will not result in any changes to the volumes of waste under planning permission; it is proposed to treat more than 10,000 tonnes of organic waste at the facility.

As a result, the facility is proposing to exceed the maximum tonnage of 10,000 tonnes which may be permitted by Waterford County Council under the Waste Management (Waste Facility Permit and Registration) Regulations 2007, as amended.

**A Waste Licence from the Environmental Protection Agency is required for this proposal. Therefore all waste aspects associated with this development will be authorised and enforced by the Environmental Protection Agency.**

Recommendation:

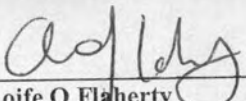
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Having regard to the above report and information received, I recommend that the Planning Authority consider the following comments/observations within the process of reviewing and assessing Ormonde Organics Ltd planning permission application received on the 18<sup>th</sup> November 2011;

- The proposed Anaerobic Digestion plant shall obtain a **Waste Licence from the Environment Protection Agency** as the facility is proposing to exceed the maximum tonnage of 10,000 tonnes which may be permitted by Waterford County Council under the Waste Management (Waste Facility Permit and Registration) Regulations 2007, as amended.
- Prior to commencing acceptance of any waste containing Animal By-Products, Ormonde Organics shall satisfy Waterford County Council in writing that, where applicable, it has obtained full consent, in accordance with the Animal By-product Regulations, from the Department of Agriculture, Fisheries and Food.
- Ormonde Organics shall document and submit **Nutrient Management Plans** to the satisfaction of Waterford County Council that, where applicable, it has used sludge in agriculture in accordance with the Department of the Environment and Local Government Publication 'Code of good practice for the use of Biosolids in Agriculture - Guidelines for Farmers', and Ormonde Organics statutory obligations, or, requirements under any other enactments or regulations.

Signed:

  
Aoife O Flaherty  
Executive Engineer  
Environment

Date:

13/01/12

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WATERFORD COUNTY COUNCIL

An Bord Pleanála Reference PL 24.240543

F. NO PD 11/455

Amendment to Condition 11 as per An Bord Pleanála Reference Number PL 24.240543

RE: for development consisting of the upgrade and extension of an existing Composting Facility (permitted by An Bord Pleanála Ref. No. PL24.215781; Waterford County Council Ref. Ref. PD.04/1831) at a site of 3.2 ha at Killowen, Portlaw, County Waterford. The proposed development will extend the existing site eastwards, increasing the site area to 5.7 ha approximately and will increase the gross floor space of buildings on site by 3,731 sq m from 5,450 sq m to 9,181 sq m. The proposed development comprises activities that require a Waste Licence from the Environmental Protection Agency. An Environmental Impact Statement (EIS) will be submitted to the Planning Authority with this application at Killowen, Portlaw, Co. Waterford.

REVISED CONDITIONS AND REASONS FOR CONDITIONS

- 1a) The proposed development shall be carried out in accordance with plans and particulars lodged with the Planning Authority on 18<sup>th</sup> November 2011 and 22<sup>nd</sup> February 2012 save where amended by a condition herein.

- 1b) The mitigation measures outlined in the EIS shall be wholly complied with.

**Reason:** To clarify the documents to which the permission relates in the interests of orderly development.

- 2a) The wastewater treatment system shall be installed in accordance with the manufacturer's instructions, relevant agreement certification and EPA Code of Practice 2009.

- 2b) Prior to the extension being occupied, the Planning Authority shall be notified that the wastewater treatment system is constructed and operational. In addition, a Certificate of Compliance, prepared and signed by an Architect, Engineer, Surveyor or Technician to state that the wastewater treatment system and associated works fully comply with condition no. 2(a) above shall be submitted to the Planning Authority for its written approval, prior to the extension being occupied.

- 2c) The installation of the proposed wastewater treatment system shall include maintenance and repair contract, a copy of which shall be submitted to the Planning Authority prior to the commencement of development. This contract shall be renewed on an annual basis and shall be taken out initially with the supplier/manufacturer of the system. Thereafter any change of contractor shall be notified to the Planning Authority.

- 2d) Surface water shall be discharged to soakaways or watercourses.

- 2e) Upon installation of the new wastewater treatment system, the existing septic tank shall be decommissioned and removed from the site to an authorized location.

**Reason:** In the interests of public health.

Amended 6<sup>th</sup> February, 2013



WATERFORD COUNTY COUNCIL

An Bord Pleanála Reference PL 24.240543

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- 3) The developer shall comply with all relevant requirements of the animal by-product Regulations (S.I. No. 248 of 2003 and S.I. 707 of 2005). The developer shall obtain approval from the Veterinary Department of the Department of Agriculture and Food in relation to compliance with the above legislation. A copy of this approval shall be furnished to the Planning Authority for its consideration and written agreement prior to the acceptance of any such waste containing animal by-products.

**Reason: In the interest of public health.**

- 4) The proposed structure shall be used only as a compost making and anaerobic digester facility and shall not be used for any other waste processing activity or any other purpose.

**Reason: To limit the proposed development to the terms of the application having regard to the location of the site in a rural area.**

- 5a) This permission is for the management of waste with a maximum intake of 40,000 tonnes per annum. The developer shall record the amount of waste received at the facility and records shall be made available to the planning authority on request.

- 5b) Only waste governed by planning permissions Pd 04/1831 [PL24.215781] and Pd 11/392 shall be permitted to be accepted on site.

**Reason: To comply with the objectives of the Joint Waste Management Plan for the South-East region.**

- 6) No advertisement or advertising structures (apart from exempted development) shall be erected or displayed on the building or within the curtilage of the site without a prior grant of planning permission.

**Reason: In the interest of visual amenity.**

- 7a) Boundary treatment along the new eastern site boundary shall comprise a 1.2m high stock-proof timber post and rail fence.



WATERFORD COUNTY COUNCIL

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- 7b) Screen planting shall be provided along the eastern site boundary and shall comprise a mixture of indigenous trees to be planted at 5m. centres. The planting shall be carried out in the first planting season following commencement of development. When planted the trees shall be adequately protected from damage by animals or wind. Any failures within 5 years shall be replaced and the trees allowed to grow to maturity. A certificate of compliance with this condition shall be forwarded to the Planning Authority upon completion of planting. The certificate shall be signed by a horticulturalist or other approved professional.
- 7c) Security and stock-proof fencing, other than that provided for under Class 11 of Schedule 2, Part 1 of the Planning & Development Regulations 2001 (as amended), shall be the subject of a separate application for planning permission.

Reason: In the interests of orderly development of the site and proper planning.

- 8) Prior to the commencement of any development, proposals demonstrating that the water supply on site is adequate in the event of fire shall be submitted for the written agreement of the Planning Authority. Such proposals shall comply with the requirements of the Chief Fire Officer.

Reason: In the interests of public safety.

- 9a) The applicant is required to employ a qualified archaeologist to monitor all groundwork's associated with the development as recommended in the archaeological assessment report submitted with the planning application. The Archaeologist shall agree a methodology and schedule of site inspection with the developer/contactor and this schedule shall be submitted to the Department for approval in advance of works commencing on site. The monitoring/site inspection shall be licensed under the National Monument Acts, 1930-1994
- 9b) Should archaeological material be found during the course of monitoring, the archaeologist may have work on the site stopped, pending a decision as to how best to deal with the archaeology. The developer shall be prepared to be advised by the Heritage Division of the Department of Arts, Heritage and the Gaeltacht with regard to any necessary mitigating action (e.g. preservation *in situ*, or excavation) and should facilitate the archaeologist in recording any material found.
- 9c) The Planning Authority and the Department shall be furnished with a report describing the



WATERFORD COUNTY COUNCIL

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NO PD 11/455

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results of the monitoring following the completion of all archaeological work on site

Reason: To ensure the continued preservation (either *in situ* or by record) of places, caves, sites, features or other objects of archaeological interest.

- 0) Prior to the operation of any development on site pursuant to this planning permission, the applicant shall apply for and obtain a waste licence from the EPA.

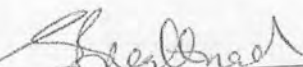
Reason: In the interests of public health and environmental protection

- 1) The developer shall pay to the planning authority a financial contribution of €120,007 (one hundred and twenty thousand and seven euro) in respect of public infrastructure and facilities benefiting development in the area of the planning authority that is provided or intended to be provided by or on behalf of the authority in accordance with the terms of the Development Contribution Scheme made under section 48 of the Planning and Development Act 2000. The relevant Development Contribution Scheme was adopted by Waterford County Council on 14<sup>th</sup> January 2008 & adjusted on 1<sup>st</sup> January 2010. The contribution shall be paid prior to the commencement of development or in such phased payments as the planning authority may facilitate.

Roads	€ 60,003.50
Community	€ 60,003.50
Total Contributions	€120,007.00

Reason: It is a requirement of the Planning and Development Act 2000 that a condition requiring a contribution in accordance with the Development Contribution Scheme made under section 48 of the Act be applied to the permission.

Signed:

  
 A/Administrative Officer
Dated: 5<sup>th</sup> April, 2012