EPA Application Form

7.6.2(a) - Landspreading Controls – (Agri) - Attachment

Operational Report for the Management of Organic Fertiliser

Organisation Name: *   James and Mark Wright T/A JMW Farms

Application I.D.: *

Amendments to this Application Form Attachment

Version No.	Date	Amendment since previous version	Reason
V.1.0	July 2017	N/A	Online application form attachment
As above	Mar 2018	Identification of required fields	Assist correct completion of attachment

7.6.2 Additional Information: Emissions to Ground & Landspreading

With regards to manure / poultry litter (organic fertiliser) produced by the activity, the applicant should supply details of the nature, quantity, storage facilities, end-use and records of any organic fertiliser produced, or proposed to be produced by the activity, having regard to the European Union (Good Agricultural Practice for Protection of Waters) Regulations 2014, S.I. No. 31 of 2014.

Tables 7.6.2(i), 7.6.2(ii) and 7.6.2(iii) should be completed as applicable.

Any additional relevant information should be included in Table 7.6.2(iv).

7.6.2(i)   Organic Fertiliser: Nature and Quantities

State the quantity of organic fertiliser produced by the activity per annum.

	Quantity produced per annum	
	Existing	**Proposed**
Pig Rearing Farms[1]:		
Pig slurry (m^3)	**10857.6**	**12657.6 m3**
~~Farm Yard Manure (m³)~~		
~~**Poultry Farms:**~~		
~~Poultry manure (m³)~~		
~~Washwater (m³)~~		

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[1] As per European Union (Good Agricultural Practice for the Protection of Waters) Regulations 2014, (Nitrates Regulations):

- "farmyard manure" means a mixture of bedding material and animal excreta in solid form arising from the housing of cattle, sheep and other livestock excluding poultry;
- "slurry" includes—

    (*a*) excreta produced by livestock while in a building or yard, and

    (*b*) a mixture of such excreta with rainwater, washings or other extraneous material or any combination of these, of a consistency that allows it to be pumped or discharged by gravity at any stage in the handling process but does not include soiled water.

7.6.2(ii)   Organic Fertiliser: Storage capacity

Record the on-site storage capacity available for organic fertiliser:

Where an expansion / development is proposed, record the existing and the proposed on-site storage capacity available for organic fertiliser:

(a) Slurry/Washwater Storage Capacity:

Tank	Construction type and Year of construction	Length (m)	Breadth (m)	Depth[2] (minus freeboard of 200/300mm)	Capacity (m³)
	Existing				12997.91
	Proposed				+ 1983 m3
				Total capacity of storage tanks:	14890.91

(b) ~~Poultry Manure/Farmyard Manure Storage Capacity~~

~~Record the on-site storage capacity available for organic fertiliser:~~

~~Where an expansion / development is proposed, record the existing and the proposed on-site storage capacity available for organic fertiliser:~~

~~Storage shed/Area~~	~~Length (m)~~	~~Breadth (m)~~	~~Height (m)~~	~~Capacity(m³)~~
			~~Total capacity of storage sheds/area:~~	

(c) Total storage capacity for organic fertiliser generated by the activity

	Has 26 weeks storage capacity been provided on-site?	
	Existing	**Proposed**
Pig Rearing:		
Pig slurry (m³)	**Y/N**	**Y**
~~Farm Yard Manure (m³)~~	~~**Y/N**~~	~~**Y/N**~~
~~**Poultry Farms:**~~		
~~Poultry manure (m³)~~	~~**Y/N**~~	~~**Y/N**~~
~~Washwater (m³)~~	~~**Y/N**~~	~~**Y/N**~~
Where 26 weeks storage is not provided on-site, describe the arrangements in place to ensure compliance with the Nitrates Regulations (SI No 31 of 2014)		

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[2] As per European Union (Good Agricultural Practice for the Protection of Waters) Regulations 2014, (Nitrates Regulations):
- 200mm freeboard must be provided in all covered tanks and 300mm freeboard in all uncovered tanks.

7.6.2(iii)   Organic Fertiliser: End Use

~~(a) Washwater (poultry applications only)~~

~~Where washwater is used as an organic fertiliser on land, provide the following:~~

~~Where an expansion / development is proposed, record the existing and the proposed arrangements:~~

	~~Existing~~	~~Proposed~~
~~Area of land on which washwater (organic fertiliser) may be used as a fertiliser~~	~~____Ha~~	~~Ha~~
~~Location of lands on which washwater (organic fertiliser) may be used as a fertiliser (townland & county)~~		
~~Are lands on which washwater (organic fertiliser) may be used as a fertiliser within ownership of applicant~~	~~Y/N~~	~~N~~

~~(b) Manure[3]/Slurry – complete all relevant parts~~

~~i.   In which of the following ways is/will organic fertiliser (manure/slurry) be used when it leaves the installation? (select all that apply)~~

	~~Existing~~		~~Proposed~~	
~~On land as fertiliser~~	~~Y/N~~		~~Y~~	
~~Mushroom compost production~~	~~Y/N~~		~~Y/N~~	
~~Anaerobic digestion~~	~~Y/N~~		~~Y/N~~	
~~Other~~	~~Y/N~~	~~Specify and describe how and where the organic fertiliser will be used:~~	~~Y/N~~	~~Specify and describe how and where the organic fertiliser will be used:~~

*ii.   Where organic fertiliser (manure/slurry) is/will be removed from the installation **directly** to farms **for use as fertiliser on land**, provide the following for each farm:*

Farm code	Location (townland and county)	Import capacity (m^3)

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[3] Pig Manure or Poultry Manure

Importer ID	Quantity	Unit
R1581698	909.09	Cubic Meters
R1520605	568.18	Cubic Meters
R1530767	654.55	Cubic Meters
R1650924	136.36	Cubic Meters
O1190950	4545	Cubic Meters
R1291118	350	Cubic Meters
R1293366	350	Cubic Meters
R1471710	927	Cubic Meters
R1461463	1009.09	Cubic Meters
O1370362	2318.18	Cubic Meters
Q1330234	150000	Gallons

Total Import capacity (m^3)		
Brief Description of how import capacities were calculated:		

iii. *Where organic fertiliser (manure) is/will be removed from the installation by a Department of Agriculture, Food and the Marine registered* **_contractor_**, *provide the following:*

Name of contractor	
DAFM registration number	
Total amount of organic fertiliser contractor agrees to remove from the installation per annum	
Attach either: 1. **Letter of confirmation from contractor confirming this, and** 2. **Copy of Record 3**[5] **from previous year (where relevant)** [4]	

Identify the use proposed by the contractor for organic fertiliser taken from the installation:	Use on land	Y/N	
	Mushroom Compost production	Y/N	Specify facility
	Anaerobic digester	Y/N	Specify facility
	Other	Y/N	Specify facility
Documentation maintained at the installation in relation to movement of organic fertiliser off site	Record 3[5]	Y/N	
	Commercial[6] documents	Y/N	
	Other	Y/N (specify)	

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[4] A copy of the Record 3 form (as required under article 23 of the European Union (Good Agricultural Practice for Protection of waters) Regulations 2014) for the previous year. For new developments, where no Record 3 forms exist yet, the applicant should supply details of land with an organic fertiliser demand available for landpreading, as per Table xxx above.

[5] Record 3 is a 'Record of Movement of Organic Fertilisers' required to comply with the European Union (Good Agricultural Practice for Protection of Waters) regulations 2014. The Record 3 form must be submitted before the end of each year. A copy of the Record 3 must be maintained by both the exporter and the importer.

[6] As per European Animal By-Product Regulations (EC Regulation No 1069/2009 and Commission Regulation 142/2011), (Animal By-Product Regulations).

iv. *Where organic fertiliser (manure/slurry) is/will be removed from the installation **for use other than as a fertiliser on land or by a DAFM registered contractor,** provide the following:*

Total amount of organic fertiliser exported from the installation			
Proposed outlet for organic fertiliser	Mushroom Compost production	y/n	Specify facility
	Anaerobic digester	y/n	Specify facility
	Other	y/n	Specify facility
Documentation maintained at the installation in relation to movement of organic fertiliser off site	Record 3[7]	y/n	
	Commercial[8] documents	y/n	

7.6.2(iv) Organic Fertiliser: Any other relevant information

Details regarding any other relevant information:

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[7] Record 3 is a 'Record of Movement of Organic Fertilisers' required to comply with the European Union (Good Agricultural Practice for Protection of Waters) regulations 2014. The Record 3 form must be submitted before the end of each year. A copy of the Record 3 must be maintained by both the exporter and the importer.

[8] As per European Animal By-Product Regulations (EC Regulation No 1069/2009 and Commission Regulation 142/2011), (Animal By-Product Regulations)