

Facility Information Summary	
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AER Reporting Year	2016
Licence Register Number	PO710-03
Name of site	Moate Pig Farm
Site Location	Ballinakill, Portlaoise, Co. Laois.
NACE Code	
Class of Activity	6.2 (As in First Schedule of EPA Acts)
National Grid Reference (6E, 6 N)	E248380 – N183133

A brief description of the activities/process at the site for the reporting year. This should include information such as production increases or decreases on site, any infrastructural changes, environmental performance improvements which were measured during the reporting year;

The rearing of pigs in an installation

Declaration:

All the data and information presented in this report has been checked and certified as being accurate. The quality of the information is assured to meet licence requirements.

Signature Group/Facility manager (or nominated, suitably qualified and experienced deputy)	Date
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WATER-summary template		Lic No:	PO710-03	Year	2016
SURFACE WATER		Answer all questions and complete all tables where relevant			

1 Was it a requirement of your licence to carry out visual inspections on any surface water discharges or watercourses on or near your site? If yes please complete table W1 below summarising only any evidence of contamination noted during visual inspections		Additional information	
Yes		Water analysis reports indicate no pollution issues in the surface water at this site.	

Table W1 Visual inspections-Please only enter details where contamination was observed.

Location Reference	Date of inspection	Description of contamination	Source of contamination	Corrective action	Comments
			SELECT		
			SELECT		

2 Is it a requirement of your licence to carry out discharge to surface water monitoring? If Yes please complete Table W2 below	Yes
3 Please state what frequency you are required to complete surface water monitoring	Quarterly

Table W2: Storm/Surface water discharge monitoring

Emission reference no:	Parameter/ SubstanceNote 1	Date of Monitoring	Measured value	Unit of measurement	Comments	Surface water EQS	
						Please enter details only where results indicate contamination has occurred	
				mg/L		Description of contamination	Corrective action
				mg/L			

4 Is it a requirement of your licence to carry out licenced emissions monitoring? If Yes please complete Table W3 below	No
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Table W3: Licenced monitoring

Emission reference no:	Emission released to	Parameter/ SubstanceNote 1	Date of Monitoring	ELV or trigger values in licence or any revision thereof ^{Note 1}	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Comments
	SELECT	SELECT			SELECT		SELECT	SELECT	
	SELECT	SELECT			SELECT		SELECT	SELECT	
	SELECT	SELECT			SELECT		SELECT	SELECT	

Note 1: Where Emission Limit Values (ELV) do not apply to your licence please compare results against EQS for Surface water or relevant receptor quality standards. Trigger values may be agreed by the Agency outside of licence conditions

Tank and Pipeline assessment reporting		Luc No	PO710-03	Year	2016
Answer all questions and complete Tables TP1, TP2 and TP3 as applicable					
Additional information if required					
1	Is it a requirement of your licence to carry out a tank and pipeline assessment for effluent storage on site?				
	Yes				
2	Is it a requirement of your licence to submit a programme for agreement to the Agency prior to carrying out a tank and pipeline assessment?				
	Yes				
3	If Yes to Q2 has a programme been submitted to the Agency for agreement on the testing and inspection of under and over-ground effluent storage tanks and pipelines? Please enter date of submission in additional information				
	Yes				
4	What method has been proposed for the testing of under and over ground effluent storage tanks and pipelines?				
	Visual				
5	Have all structures been assessed for integrity in the past five years or as required by the licence. If no, please identify the structures which have not been assessed as required, in the Additional Information column. Also in the column, please state the date on which assessment was carried out.				
	Yes				
6	If Visual inspection was the method used were any cracks or defects detected? If yes please detail in additional information				
	SELECT				
7	If yes to Q6 have the cracks or defects been repaired successfully? If no please explain in additional information				
	SELECT				
8	If hydrogeological or geophysics investigation methods were used was there any evidence of contamination detected? If yes please detail in additional information				
	No				
9	If yes to Q8 please detail proposed or completed remediation work in additional information				
10	Are there any leak detection systems on site? Please see Department of Agriculture S126 and EPA guidance on Storage and Bunding of materials for required systems				
	S126.pdf bunding and storage guidelines SELECT				
11	Does the leak detection system serve all housing units on site? (please state in the comments section number of units covered by the leak detection system and total number of units on site)				
	SELECT				
12	From the visual inspections carried out has any discharge been visible in the leak detection inspection chamber? If yes please enter details in table TP2				
	SELECT				
13	Was it a requirement of your licence to analyse samples for the current reporting year. If yes please enter details of any samples taken in table TP3 below				
	SELECT				
14	When is the next tank and pipeline assessment due?				
	SELECT				
15	Does the licensee consider they are compliant with licence conditions?				
	SELECT				
16	Include details of any other findings of report				

Table TP1: Underground and Overground Tanks, Bund and pipeline register ALL Facilities to complete

Bund/Tank/Containment structure ID (this includes pipelines associated with Bunds/Tanks or containment structures)	Product containment	Type of integrity test	Test date	Leak detection on containment structure?	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken
	SELECT	SELECT		SELECT	SELECT	SELECT		SELECT
	SELECT	SELECT		SELECT	SELECT	SELECT		SELECT
	SELECT	SELECT		SELECT	SELECT	SELECT		SELECT
	SELECT	SELECT		SELECT	SELECT	SELECT		SELECT

Table TP2: Visual inspection of leak detection chamber (Poultry facilities this table is not applicable please complete table TP1)

Date	Evidence of discharge	Samples taken (reference in TP3)

Table TP3: Samples collected from leak detection chamber (Poultry facilities this table is not applicable please complete table TP1)

Date	Sample frequency	Sample id	Colour/Odour	Parameter	ELV (if applicable)	Measured value
	SELECT					
	SELECT					

Type of Organic Fertiliser	Total organic fertiliser storage capacity (m3)	Opening Quantity of organic fertiliser (1 st January of reporting year)	Closing Quantity of organic fertiliser (1 st January of current calendar year)	Quantity of organic fertiliser generated by the animals housed on site in reporting year	Total quantity of organic fertiliser moved off site in reporting year (as recorded in the organic fertiliser register and "record 3" as submitted to DAFM*)	Where there is a difference between the amount moved off site (record 3 amount) and the amount generated (taking into account opening and closing amounts) provide details to account for this difference, e.g. applying organic fertiliser on unit's own landbank.	Have records of movement of organic fertiliser (record 3) for the reporting year been submitted to DAFM?
Pig Slurry/Poultry Litter	a	b	c	d	e	f	
Washwater (Poultry)							

*DAFM - Department of Agriculture Food and Marine

- Column **a** The total organic fertiliser storage capacity is calculated by summing storage capacity onsite. If applicable, Agency agreed off-site storage should be added to the total on-site.
- Column **b** This is the opening quantity of organic fertiliser recorded on 1st of January of AER reporting year
- Column **c** This is the quantity of organic fertiliser at close of reporting year calculated by recording the opening quantity on 1st January of the current calendar year
- Column **d** This is the quantity of organic fertiliser generated by the animals housed on site in the AER reporting year
- Column **e** Total quantity of organic fertiliser moved off site and recorded in the organic fertiliser register and "record 3" as submitted to DAFM* in AER reporting year
- Column **f** If there is a difference between the amount recorded in the Record 3 form submitted **b** and the amount recorded by adding together the opening quantity **b** and amount generated **d** and subtracting the closing quantity **c** i.e. if **e** does not match **b + d - c**, account for the mismatch, for example where the unit is applying organic fertiliser on their own landbank

Groundwater monitoring summary report

Year

2016

PO710-03

Lic No

Comments

1	Are you required to carry out groundwater monitoring as part of your licence requirements? If Yes complete table GW1 below	Yes	
2	Were any results in exceedance of a relevant Groundwater threshold value (GTV) ?	Groundwater regulations GTV's	no
3	What measures were taken to investigate the exceedances of GTV's ? detail in additional information section below	SELECT	

Table GW1:Groundwater monitoring results

Date of sampling	Sample location reference	Parameter/ Substance	Monitoring frequency	unit	GTV's*	IGV	Maximum Concentration	Average Concentration
				ug/l	>1			0
				ug/l	>1			0

* please note exceedance of a relevant Groundwater threshold value (GTV) at a representative monitoring point does not indicate non compliance, an exceedance triggers further investigation to confirm whether the criteria for poor groundwater chemical status are being met

** Depending on location of the site and proximity to other sensitive receptors alternative Receptor based Water Quality Standards should be used in addition to the GTV e.g. If the site is close to surface water compare to Surface Water Environmental Quality Standards (SWEQS), if the site is close to a drinking water supply compare results to the Drinking Water Standards (DWS)

.* where average indicates arithmetic mean

Additional Information

Water analysis has been done and no problems have been seen for any parameter analysed.

Groundwater (private supply) standards

Drinking water (public supply) standards

Interim Guideline Values (IGV)

Complaints

Total new complaints received during reporting year

No

Have you received any environmental complaints in the current reporting year? If yes please state the total number received during the reporting year

Incidents

Additional information

SELECT

Have any incidents occurred on site in the current reporting year? Please list all incidents for current reporting year in Table 11 below

*For information on how to report and what constitutes an incident

What is an incident

Table 11: Incidents summary														
Date of occurrence	Incident nature	Location of occurrence	Incident category* please refer to guidance	Receptor	Cause of incident	Other cause (please specify)	Activity in progress at time of incident	Communication	Occurrence	Corrective action<30 words	Preventative action <20 words	Resolution status	Resolution date	Likelihood of recurrence
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
Total number of incidents current year			SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT



Environmental Protection Agency

| PRTR# : P0710 | Facility Name : Mr Paul Tully | Filename : P0710_2016.xls | Return Year : 2016 |

Guidance to completing the PRTR workbook**PRTR Returns Workbook**

Version 1.1.19

REFERENCE YEAR 2016**1. FACILITY IDENTIFICATION**

Parent Company Name	Mr Paul Tully
Facility Name	Mr Paul Tully
PRTR Identification Number	P0710
Licence Number	P0710-03

Classes of Activity

No.	class name
-	Refer to PRTR class activities below

Address 1	Moate Pig Unit
Address 2	Ballinakill
Address 3	Portlaoise
Address 4	
	Laois
Country	Ireland
Coordinates of Location	-7.281842 52.897227
River Basin District	IESE
NACE Code	0146
Main Economic Activity	Raising of swine/pigs
AER Returns Contact Name	Paul Tully
AER Returns Contact Email Address	paultully1@live.com
AER Returns Contact Position	Owner
AER Returns Contact Telephone Number	086-2310041
AER Returns Contact Mobile Phone Number	086-2310041
AER Returns Contact Fax Number	
Production Volume	0.0
Production Volume Units	1
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	5
User Feedback/Comments	
Web Address	

2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
7(a)(ii)	Installations for the intensive rearing of poultry or pigs (ii)

3. SOLVENTS REGULATIONS (S.I. No. 543 of 2002)

Is it applicable?	No
Have you been granted an exemption ?	No
If applicable which activity class applies (as per Schedule 2 of the regulations) ?	
Is the reduction scheme compliance route being used ?	

4. WASTE IMPORTED/ACCEPTED ONTO SITEGuidance on waste imported/accepted onto site

4.1 RELEASES TO AIR

[Link to previous years emissions data](#)

[Facility : PR710 | Facility Name : Mc Paul Tidy | Parameters : PR710_2016.xls | Return Year : 2016]

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SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO AIR	
POLLUTANT	METHOD
No. Annex II	Name
00	Ammonia (NH3)
01	Methane (CH4)
06	Nitrous oxide (N2O)
- Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button	
METHOD	
M/C/E	Method Code
C	OTH
C	OTH
C	OTH
Emission Point 1	
T (Total) KG/Year	
A (Accidental) KG/Year	
F (Fugitive) KG/Year	
QUANTITY	
10837.7	
10837.7	
104166.0	
97.1	

SECTION B : REMAINING PRTR POLLUTANTS

RELEASES TO AIR	
POLLUTANT	METHOD
No. Annex II	Name
METHOD	
M/C/E	Method Code
Emission Point 1	
T (Total) KG/Year	
A (Accidental) KG/Year	
F (Fugitive) KG/Year	
QUANTITY	
0.0	
0.0	
0.0	

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION C : REMAINING POLLUTANT EMISSIONS (As required in your Licence)

RELEASES TO AIR	
POLLUTANT	METHOD
No. Annex II	Name
METHOD	
M/C/E	Method Code
Emission Point 1	
T (Total) KG/Year	
A (Accidental) KG/Year	
F (Fugitive) KG/Year	
QUANTITY	
0.0	
0.0	
0.0	

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

Additional Data Requested from Landfill operators

For the purpose of the National Inventory on Greenhouse Gases, landfill operators are requested to provide summary data on landfill gas (methane) flared or utilised on their facilities to accompany the figures for total methane generated. Operators should only report their Net methane (CH4) emission to the environment under 'Total' KG/yr for Section A; sector specific PRTR pollutants above. Please complete the table below:

Landfill: Mc Paul Tidy

Please enter summary data on the quantities of methane flared and / or utilised

T (Total) kg/Year		Method Used	Facility Total Capacity m3 per hour
M/C/E		Method Code	Description or Description
0.0			N/A
0.0			0.0 (Total Flaring Capacity)
0.0			0.0 (Total Utilising Capacity)
0.0			N/A

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

[PRTR# : P0710 | Facility Name : Mr Paul Tully | Filename : P0710_2016.xls | Return Year : 2016]

Please enter all quantities on this sheet in Tonnes

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3

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste Licence/Permit No of Next Destination Facility i.e. Name and Address of Final Receiver / Depositor (Hazardous Waste ONLY)	Haz Waste Licence/Permit No of Next Destination Facility i.e. Name and Address of Final Receiver / Depositor (Hazardous Waste ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used				
Within the Country	02 01 02	No	54.0	animal-tissue waste	R3	M	Weighed	Offsite in Ireland	College Proteine,P0037-01	Nobber,Co Meath,Ireland	
Within the Country	18 02 01	No	0.002	sharps except (18 02 02)	D10	M	Weighed	Offsite in Ireland	SRCL Ltd,534/08a	Industrial Estate,Naas Rd,Dublin 12,, Ireland	

* Select a row by double-clicking the Description of Waste then click the delete button

Annual Environmental Report: Summary of Emissions and Waste Transfers

Intensive Agriculture Emissions Calculation Tool for AER / PRTR Reporting Version 2 April 2009

Data Entry and Calculation Output Sheet		
<u>Facility Name:</u>	Moate Pig Farm	
<u>Licence Reg. No.:</u>	PO 710 03	<u>Reporting year:</u> 2016

Data Entry table: Pig Farms

Input (in the yellow boxes) the annual average number of animals

- **Note:** the animal number for each type of swine (fattener; boars;etc) should be the average number in the facility over the 12 month period and should accord with your stocking register for the year.
- Stock counts on a monthly basis can be added and the total divided by 12 for each animal type.
- If stock counts are only available for lesser frequencies, i.e quarterly, then the average of these counts should be used to give the annual stock figures

HOUSING

Enter PIG NUMBERS in each class:

Class	Pig Number / year	Cost entry
Suckling sow+litter	144	
Dry sow	495	
Boars	5	
Maiden gilts	60	
Weaners (7 to 35 kg)	4,288	
Finishers (35 to 98 kg)	3,863	

STORAGE

Enter surface area of OUTDOOR UNCOVERED STORAGE

(see Surface Area Calculation for a simple tool for this purpose)

Unit number	Surface Area m ²	data entry
Slurry storage 1		
Slurry storage 2		
Slurry storage 3		
Slurry storage 4		
Others		
Total		0

FORM OF MANURE STORAGE

Enter the form of Manure Storage

Does the facility employ:	Enter Yes in appropriate box:	YES
Liquid Manure Storage:		
Solid Manure storage:		

Data Output Table Pig Farms

- The following table provides the output data in the appropriate format for reporting via the "Releases to Air" Worksheet of the EPA Electronic AER Reporting Workbook
- The information must be entered manually; do NOT attempt to use the Cut or Copy methods for this task.
- All housing and storage emissions should be entered as Fugitive Emissions

RELEASES TO AIR									
POLLUTANT			METHOD				QUANTITY		
No. Annex II	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year	
			Method Code	Designation or Description					
06	Ammonia (NH3)	C	NRB	EPA Calculation tool	0	16,837.7	0	16,837.7	
01	Methane (CH4)	C	NRB	EPA Calculation tool	0	104,156.0	0	104,156.0	
05	Nitrous oxide (N2O)	C	NRB	EPA Calculation tool	0	97.1	0	97.1	