

Facility Information Summary	
AER Reporting Year	2016
Licence Register Number	PO467
Name of site	Woodville Pig Farms Limited
Site Location	Woodville and Ballyknockane , Ballymackey, Nenagh, Co. Tipperary,
NACE Code	
Class of Activity	6.2 (As in First Schedule of EPA Acts)
National Grid Reference (6E, 6 N)	

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	Date
Group/Facility manager	
<small>(or nominated, suitably qualified and experienced deputy)</small>	

Answer all questions and complete all tables where relevant

Additional information

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

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

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/ Substance ^{Note 1}	Date of Monitoring	Measured value	Unit of measurement	Comments	Surface water EQS	
						Please enter details only where results indicate contamination has occurred	Corrective action
				mg/L			
				mg/L			

4 Is it a requirement of your licence to carry out licenced emissions monitoring? If Yes please complete Table W3 below

No

Table W3: Licenced monitoring

Emission reference no:	Emission released to	Parameter/ Substance ^{Note 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

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
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?		
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)	Leak detection on containment structure?	Integrity reports maintained on site?	Results of test	Corrective action taken
Product containment	SELECT	SELECT	SELECT	SELECT
Type of integrity test	SELECT	SELECT	SELECT	SELECT
Test date	SELECT	SELECT	SELECT	SELECT
Integrity test failure explanation <50 words				

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

Date	Evidence of discharge (reference in TP3)	Samples taken

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						

Organic fertiliser storage capacity

Lic No: PO467 Year: 2016

Please complete the table using the explanation of entries below as a guide
 Table OFS.1 Storage capacity for Organic Fertiliser

Type of Organic Fertiliser	Total organic fertiliser storage capacity (m ³)	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 (e) 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

Lic No. PO467

Year 2016

		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 Receiver 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 regulations GTV's

Drinking water (private supply) standards

Surface water EQS

Drinking water (public supply) standards

Interim Guideline Values (IGV)

++ maximum concentration indicates the maximum measured concentration from all monitoring results produced during the reporting year

Additional information	
yes	
SELECT	

1 When did the site carry out the most recent energy efficiency audit?

2 Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEA1 programme linked to the right? If yes please list them in additional information
 Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information

3

Energy Use	Previous year kWh	Current year kWh	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total	623717	612,220	blank	blank
Electricity				
Fossil Fuels:				
Heavy Fuel Oil				
Light Fuel Oil				
Natural gas				
Coal/Solid fuel				
Renewable energy generated on site				

The feed mill electricity usage may have been included in previous years figures.

* where consumption of energy can be compared to overall site production please enter this information as percentage increase or decrease compared to the previous reporting year.
 ** where site production information is available please enter percentage increase or decrease compared to previous year

Water use	Previous year m3/yr.	Current year m3/yr.	Production +/- % compared to previous reporting year**	Water Consumption +/- % vs overall site production*
Groundwater		22516	#DIV/0!	
Surface water				
Public supply				
Total		22516		

* where consumption of water can be compared to overall site production please enter this information as percentage increase or decrease compared to the previous reporting year
 ** where site production information is available please enter percentage increase or decrease compared to previous year

Date of audit	Recommendations	Description of Measures proposed	Origin of measures	Predicted energy savings %	Implementation date	Responsibility	Completion date	Status and comments
			SELECT					
			SELECT					
			SELECT					

Complaints

Total new complaints received during reporting year	No
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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 occurrences	Incident nature	Location of occurrences	Incident category* please refer to guidance	Receptor	Cause of incident	Other cause (please specify)	Activity in progress at time of incident	Communication	Occurrences	Corrective action- 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	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														



Environmental Protection Agency

| PRTR# : P0467 | Facility Name : Woodville Pig Farms Limited | Filename : P0467_2016.xls | Return Year : 2016 |

Guidance to completing the PRTR workbook

PRTR Returns Workbook

Version 1.1.19

REFERENCE YEAR	2016
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1. FACILITY IDENTIFICATION

Parent Company Name	Woodville Pig Farms Limited
Facility Name	Woodville Pig Farms Limited
PRTR Identification Number	P0467
Licence Number	P0467-02

Classes of Activity

No.	class_name
-	Refer to PRTR class activities below

Address 1	Woodville and Ballyknockane
Address 2	Ballymackey
Address 3	Nenagh, County Tipperary
Address 4	
	Tipperary
Country	Ireland
Coordinates of Location	-8.02775 52.8874
River Basin District	IEGBNISH
NACE Code	0146
Main Economic Activity	Raising of swine/pigs
AER Returns Contact Name	Tim Cullinan
AER Returns Contact Email Address	woodvillepig@outlook.ie
AER Returns Contact Position	Owner
AER Returns Contact Telephone Number	06729056
AER Returns Contact Mobile Phone Number	0872760625
AER Returns Contact Fax Number	06729056
Production Volume	0.0
Production Volume Units	1
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	10
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)
7(a)(iii)	Installations for the intensive rearing of poultry or pigs (iii)

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 SITE

Guidance on waste imported/accepted onto site

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

Please enter all quantities on this sheet in Tonnes

PRTR#: P0467 | Facility Name : Woodville Pig Farms Limited | Filename : P0467_2016.xls | Return Year : 2016 |

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Transfer Destination Within the Country	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste: Name and Licence/Permit No of Host Receiving Facility Name and Licence/Permit No of Recover/Disposer	Haz Waste: Address of Host Receiving Facility Name and Licence/Permit No of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	M					
Within the Country	02 01 02	No	149.0	animal-fissus waste	R3			Offsite in Ireland	Dunlavin, Wicklow, Ireland			
Within the Country	18 02 02	Yes	0.013	wastes whose collection and disposal is subject to special requirements in order to prevent infection	D10			Offsite in Ireland	Initial Healthcare,WCP DC 09 1178-01	430 Beech Wood,Western Industrial Estate,Naas Road,Dublin 12,Ireland	Initial Healthcare,WCP DC 09 1178-01,430 Beech Road,Western Industrial Estate,Naas Road,Dublin 12,Ireland	430 Beech Road,Western Industrial Estate,Naas Road,Dublin 12,Ireland

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

4.1 RELEASES TO AIR [Link to previous years emissions data](#)

| PRTR#: P0487 | Facility Name : Woodville Pig Farms Limited | Filename : P0487_2016.xls | Return Year : 2016 |

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SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

No. Annex II	POLLUTANT	Name	METHOD		QUANTITY					
			M/C/E	Method Code	Method Used	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
06	Ammonia (NH3)		C	OTH	EPA Toxset		0.0	27398.0	0.0	27398.0
01	Methane (CH4)		C	OTH	EPA Toxset		0.0	156897.0	0.0	156897.0
05	Nitrous oxide (N2O)		C	OTH	EPA Toxset		0.0	159.0	0.0	159.0

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

SECTION B : REMAINING PRTR POLLUTANTS

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

Pollutant No.	POLLUTANT	Name	METHOD		QUANTITY					
			M/C/E	Method Code	Method Used	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
							0.0	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 purposes of the National Inventory on Greenhouse Gases, landfill operators are requested to provide summary data on landfill gas (Methane) fired 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 T (Total) KG/yr for Section A; Sector specific PRTR pollutants above. Please complete the table below:

Landfill:	M/C/E	Method Code	Method Used	Designation or Description	Facility Total Capacity m3 per hour	T (Total) kg/Year	
						A (above)	F (above)
Woodville Pig Farms Limited					N/A	0.0	0.0
Total estimated methane generation (as per site model)					N/A	0.0	0.0
Methane flared						0.0	0.0
Methane utilised in engines						0.0	0.0
Net methane emission (as reported in Section A above)						0.0	0.0

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

Facility Name: Woodville Pig Farms Limited Reporting year: 2015

Licence Reg. No.: PO 467 02

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
Suckling sow+litter	220
Dry sow	700
Boars	12
Maiden gilts	109
Weaners (7 to 35 kg)	3,850
Finishers (35 to 98 kg)	8,000

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
Slurry storage 1	0
Slurry storage 2	
Slurry storage 3	
Slurry storage 4	
Others	
Total	0

FORM OF MANURE STORAGE
 Enter the form of Manure Storage

Enter Yes in appropriate box:
YES

Does the facility employ:
 Liquid Manure Storage:
 Solid Manure storage:
 (Note: the default assumption is Liquid 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									
No. Annex II	POLLUTANT	Name	M/C/E	METHOD		QUANTITY			
				Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
06	Ammonia (NH3)		C	NRB	EPA Calculation tool	0	28,477.2	0	28,477.2
01	Methane (CH4)		C	NRB	EPA Calculation tool	0	162,590.3	0	162,590.3
05	Nitrous oxide (N2O)		C	NRB	EPA Calculation tool	0	164.6	0	164.6