

**INTEGRATED POLLUTION PREVENTION AND CONTROL  
(I.P.P.C.) LICENCE**

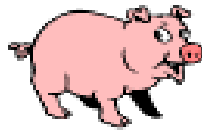
**ANNUAL ENVIRONMENTAL REPORT (A.E.R.)**

**FOR**

**JIM & MARK WRIGHT  
T/A JMW FARMS LTD.  
CROSSES  
MONAGHAN  
CO. MONAGHAN**

**I.P.P.C. REG. NO. P0696-02**

**For period  
16<sup>th</sup> February 2011 – December 2011**



**C.L.W. Environmental Planners Ltd.  
The Mews  
23 Farnham St.  
Cavan**

**March 2012**

## **MESSRS JIM & MARK WRIGHT T/A JMW FARMS**

**I.P.P.C. LICENCE REG. NO. P0696-02**

**ANNUAL ENVIRONMENTAL REPORT (A.E.R.)**

**16<sup>th</sup> FEBRUARY 2011 – 31<sup>st</sup> DECEMBER 2011**

### **I. PREFACE**

This report is provided to comply with Condition No. 11.7 of the Integrated Pollution Prevention and Control (I.P.P.C.) Licence (Reg. No. P0696-02) issued to Messrs Jim & Mark Wright, T/A JMW Farms on 16<sup>th</sup> February 2011. This condition is as follows;

*“The licensee shall submit to the Agency, by the 31st March of each year, an AER covering the previous calendar year. This report, which shall be to the satisfaction of the Agency, shall include as a minimum the information specified in Schedule D: Annual Environmental Report of this licence and shall be prepared in accordance with any relevant guidelines issued by the Agency.”*

In January 2012 the EPA produced a Draft Guidance Document ‘Annual Environmental Report: Standardised Reporting Guidance’ together with an accompanying template for a standardised AER Report for IPPC (and Waste) licensed facilities. This AER has been prepared in accordance with this draft guidance and in line with the standardised reporting format outlined in this document. As such the templates for summary emissions and licence specific reports have been completed for this site and are included in this Report. As requested in the guidance document this report includes only the summary information requested and all other associated documentation has been retained on site and is available for inspection if required.

## **II. REPORT CONTENT**

In line with the *Standardised Reporting Guidance* this AER contains the following summary information.

1. Facility Summary Information
2. Air Emissions
3. Water
4. Bund Test (Intensive Agriculture)
5. Complaints – Incidents
6. Groundwater/Contaminated Land Summary
7. Environmental Liability Risk Assessment
8. Environmental Management Programme
9. Noise
10. Resource & Energy Use
11. Waste

**Attachment A**

**PRTR Workbook and Emissions Calculation Worksheet**

## 1. Facility Summary Information

### Facility Information Summary

Licence Register Number	P0696-02
Name of site	Messrs Jim & Mark Wright T/A JMW Farms
Site Location	Crosses, Monaghan, Co. Monaghan
NACE Code	0146
Class of Activity	The rearing of pigs in an installation, whether within the same complex or within 100 metres of the same complex, where the capacity exceeds 750 places for sows in a breeding unit or 285
RBME risk category	C2
National Grid Reference (6E, 6 N)	270342, 331030
<b>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;</b>	This farm is a breeding pig farm that breeds pigs and rears weaners for finishing off site. The types of animals on the site include; Sows (1,200), weaners (6,800), gilts (550), boars (5).

#### 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	<b>26th March 2012</b>
Paraic Fay	Date
CLW Environmental Planners Ltd.	
<small>(or nominated, suitably qualified and experienced deputy)</small>	

**Attachment A**

**PRTR Workbook & Emissions Calculation Worksheet**

**Facility Information Summary**

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	<b>26th March 2012</b>
Signature Paraic Fay CLW Environmental Planners Ltd. <small>(or nominated, suitably qualified and experienced deputy)</small>	Date

**AER summary template-AIR emissions**

1 Does your site have licensed air emissions? If yes please complete table 1, 2 and 3 below for the current reporting year and answer further questions. If **you do not have** licenced emissions and **do not complete a solvent management plan** (table 5 and 6) you only need to complete table 1 fugitive emissions on site below

Additional information

No	
----	--

**Table 1 Fugitive emissions**

Parameter /Substance	Annual fugitive emission (kg/annum)	Quantificaton method M/C/E
Ammonia (NH3)	12081	C
Methane (CH4)	90269	C
Nitrous Oxide (N2O)	76	C

**Periodic/Non-Continuous Monitoring**

2 Are there any results in breach of licence requirements? If yes please provide brief details in the comment section of Table 2 below

SELECT	

3 Was all monitoring carried out in accordance with EPA guidance note AG2 and using the basic air monitoring checklist? [Basic air monitoring checklist](#) [AGN2](#)

**Table 2: Licensed Mass Emissions/Ambient data-periodic monitoring (non-continuous)**

Emission reference no:	Parameter/ Substance	Date of Monitoring	ELV in licence or any revision therof	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence limit	Method of analysis	Annual mass load (kg)	% change in mass load from previous year +/-	Comments
	SELECT			SELECT		SELECT	SELECT	SELECT			
	SELECT			SELECT		SELECT	SELECT	SELECT			

Note 1: Volumetric flow shall be included as a reportable parameter

**Continuous Monitoring**

4 Does your site carry out continuous air emissions monitoring?  
 If yes please review your continuous monitoring data and report the required fields below in Table 3 and compare it to its relevant Emission Limit Value (ELV)

SELECT

5 Did continuous monitoring equipment experience downtime? If yes please record downtime in table 3 below

SELECT

6 Do you have a proactive service agreement for each piece of continuous monitoring equipment?

SELECT

7 Did your site experience any abatement system bypasses? If yes please detail them in table 4 below

SELECT

**Table 3: Summary of average emissions -continuous monitoring**

Emission reference no:	Parameter/ Substance	ELV in licence or any revision thereof	Averaging Period	Compliance Criteria	Units of measurement	Annual Emission	Annual maximum	Monitoring Equipment downtime (hours)	% compliance current reporting year	Comments
	SELECT			SELECT	SELECT					

note 1: Volumetric flow shall be included as a reportable parameter.

**Table 4: Abatement system bypass reporting table** [Bypass protocol](#)

Date*	Duration** (hours)	Location	Reason for bypass	Corrective action

\* this should include all dates that an abatement system bypass occurred

\*\* an accurate record of time bypass beginning and end should be logged on site and maintained for future Agency inspections please refer to bypass protocol link





**AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)**

Additional information

1 Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table 3 and 4 below for the current reporting year and answer further questions. If **you do not have** licenced emissions you only need to complete table 1 and /table 2 below for ambient monitoring and visual inspections

No	
Yes	Weekly visual inspection of surface water at point SW1 & 2 carried out.

2 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 2 below summarising only any evidence of contamination noted during visual inspections

**Table 1 Ambient monitoring**

Location reference	Location relative to site activities	PRTR Parameter	Licensed Parameter	Monitoring date	ELV or trigger level in licence or any revision thereof*	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Comments
SW1	downstream	BOD	BOD	28/02/2011	40	All values < ELV	8	mg/L	yes	

\*trigger values may be agreed by the Agency outside of licence conditions

**Table 2 Visual inspections-Please only enter details where contamination was observed.**

Location Reference	Date of inspection	Description of contamination	Source of contamination	Corrective action	Comments
		None Noted	SELECT		
			SELECT		

**Licensed Emissions to water and /or wastewater(sewer)-periodic monitoring (non-continuous)**

3 Was there any result in breach of licence requirements? If yes please provide brief details in the comment section of Table 3 below

SELECT	Additional information
SELECT	

4 Was all monitoring carried out in accordance with EPA guidance and checklists for Quality of Aqueous Monitoring Data Reported to the EPA? If no please detail what areas require improvement in additional information box

[External/Internal Lab Quality checklist](#) [Assessment of results checklist](#)

**Table 3: Licensed Emissions to water and /or wastewater (sewer)-periodic monitoring (non-continuous)**

Emission reference no:	Emission released to	Parameter/ SubstanceNote 1	Type of sample	Date of Monitoring	Averaging period	ELV or trigger values in licence or any revision thereof <sup>Note 2</sup>	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Method of analysis	Procedural reference source	Procedural reference standard number	Annual mass load (kg)	% change in mass load from previous year +/-	Comments
	SELECT	SELECT	SELECT		SELECT		SELECT		SELECT	SELECT	SELECT	SELECT				

Note 1: Volumetric flow shall be included as a reportable parameter

Note 2: Where Emission Limit Values (ELV) do not apply to your licence please compare results against EQS for Surface water or relevant receptor quality standards

**Continuous monitoring**

Additional Information

5 Does your site carry out continuous emissions to water/sewer monitoring?

If yes please summarise your continuous monitoring data below in Table 4 and compare it to its relevant Emission Limit Value (ELV)

6 Did continuous monitoring equipment experience downtime? If yes please record downtime in table 4 below

7 Do you have a proactive service contract for each piece of continuous monitoring equipment on site?

8 Did abatement system bypass occur during the reporting year? If yes please complete table 5 below

**Table 4: Summary of average emissions -continuous monitoring**

Emission reference no:	Emission released to	Parameter/ Substance	ELV or trigger values in licence or any revision thereof	Averaging Period	Compliance Criteria	Units of measurement	Annual Emission for current reporting year (kg)	% change +/- from previous reporting year	Monitoring Equipment downtime (hours)	% compliance current reporting year	Comments
	SELECT	SELECT		SELECT	SELECT	SELECT					
	SELECT	SELECT		SELECT	SELECT	SELECT					

note 1: Volumetric flow shall be included as a reportable parameter.

**Table 5: Abatement system bypass reporting table**

Date	Duration (hours)	Location	Resultant emissions	Reason for bypass	Corrective action*	Was a report submitted to the EPA?	When was this report submitted?
						SELECT	

\*Measures taken or proposed to reduce or limit bypass frequency

**Tank and Pipeline assessment reporting-Intensive Agriculture sector only**

- 1 Is it a requirement of your licence to carry out a tank and pipeline assessment for effluent storage on site?
- 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?  
If yes 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
- 3 information
- 4 What method has been proposed for the testing of under and over ground effluent storage tanks and pipelines?  
Has the testing and inspection of under and over ground effluent storage tanks and pipelines been completed during the current reporting year? If no please enter date last tank and pipeline assessment was completed in additional information.
- 5
- 6 If Visual inspection was the method used were any cracks or defects detected? If yes please detail in additional information
- 7 If yes to Q6 have the cracks or defects been repaired successfully? If no please explain in additional information  
If hydrogeological or geophysics investigation methods were used was there any evidence of contamination detected? If yes please detail
- 8 in additional information
- 9 If yes to Q8 please detail proposed or completed remediation work in additional information  
Are there any leak detection systems on site? Please see Department of Agriculture S126 and EPA [S126.pdf](#) and [storage guidelines](#)
- 10 guidance on Storage and Bunding of materials for required systems
- 11 From the visual inspections carried out has any discharge been visible in the leak detection inspection chamber? If yes please enter details in table 1
- 12 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 2 below
- 13 When is the next tank and pipeline assessment due?
- 14 Does the licensee consider they are compliant with licence conditions?
- 15 Include details of any other findings of report

Additional information if required

Yes	Required for tank No.
No	
	N/A
Hydrogeological	
Yes	
No	
	N/A
No	N/A
	N/A
Yes	
No	N/A
Yes	Inspection chambers remained dry so not possible to sample
11/09/2016	
Yes	
N/A	

**Table 1: Visual inspection of leak detection chamber**

Date	Evidence of discharge	Samples taken (reference in table 2)

**Table 2: Samples collected from leak detection chamber**

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

**Table 3 Storage capacity for Organic Fertiliser**

Total organic fertiliser storage capacity (m3)	Quantity of organic fertiliser generated by the animals housed on site in previous reporting year	Total quantity of organic fertiliser moved off site and recorded in the organic fertiliser register and "record 3" as submitted to DAFM* in previous reporting year	Quantity of organic fertiliser on site at the start of reporting year	Quantity of organic fertiliser at close of current reporting year	Have records of movement of organic fertiliser (record 3) for the previous calendar year been submitted to DAFM?
Note: DAFM to forward details of Record 3 to EPA as part of new procedures for recording of movement of Organic Fertiliser	N/A	N/A	N/A	N/A	Yes

\*DAFM -Department of Agriculture Food and Marine

Complaints	
Have you received any environmental complaints in the current reporting year? If yes please complete summary details of complaints received on site in table 1 below	Additional information No

Table 1 Complaints summary							
Date	Category	Other type (please specify)	Brief description of complaint (Free txt <20 words)	Corrective action< 20 words	Resolution status	Resolution date	Further information
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		
Total complaints open at start of reporting year							
Total new complaints received during reporting year							
Total complaints closed during reporting year							
Balance of complaints end of reporting year							

Incidents	
Have any incidents occurred on site in the current reporting year? Please list all incidents for current reporting year in Table 2 below	Additional information No

\*For information on how to report and what constitutes an incident [What is an incident](#)

Table 2 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<20 words	Preventative action <20 words	Resolution status	Resolution date	Likelihood of reoccurrence
	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														
Total number of incidents previous year														
% reduction/increase														



**Groundwater /Contaminated land summary report**

		Comments
1	Are you required to carry out groundwater monitoring as part of your licence requirements?	yes The first water sample due by 15/02/2012 so no results available for 2011
2	Are you required to carry out soil monitoring as part of your licence requirements?	no
3	Do you extract groundwater for use on site? If yes please specify use in comment section	no
4	Is there contaminated land and /or groundwater on site? If yes please answer q's 5-12	no
5	Is the contamination related to operations at the facility (either current and/or historic)	SELECT N/A
6	Have actions been taken to address contamination issues?If yes please summarise remediation strategies proposed/undertaken for the site	SELECT N/A
7	Please specify the proposed time frame for the remediation strategy	SELECT N/A
8	Is there a licence condition to carry out/update ELRA for the site?	SELECT N/A
9	Has any type of risk assesment been carried out for the site?	SELECT N/A
10	Has a Conceptual Site Model been developed for the site?	SELECT N/A
11	Have potential receptors been identified on and off site?	SELECT N/A
12	Is there evidence that contamination is migrating offsite?	SELECT N/A

**Table 1: Upgradient Groundwater monitoring results**

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration++	Average Concentration+	unit	GTV's*	SELECT**	% change in average concentration previous year +/-	Upward trend in pollutant concentration over last 5 years of monitoring data
							SELECT				SELECT
							SELECT				SELECT

.+ where average indicates arithmetic mean

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

**Table 2: Downgradient Groundwater monitoring results**

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit	GTV's*	SELECT**	% change in average concentration previous year +/-	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data

\* 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)

[Surface water EQS](#)  
 [Groundwater regulations GTV's](#)  
 [Drinking water \(private supply\) standards](#)  
 [Drinking water \(public supply\) standards](#)  
 [Interim Guideline Values \(IGV\)](#)



**Table 3: Soil results**

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit
							SELECT
							SELECT

Where additional detail is required please enter it here in 200 words or less







Environmental Management Programme (EMP)/Continuous Improvement Programme	
Highlighted cells contain dropdown menu click to view	Additional Information
1 Do you maintain an Environmental Mangement System for the site. If yes, please detail in additional information	No
2 Does the EMS reference the most significant environmental aspects and associated impacts on-site	SELECT
3 Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance with the licence requirements	SELECT
4 Do you maintain an environmental documentation/communication system to inform the public on environmental performance of the facility, as required by the licence	SELECT

Environmental Management Programme (EMP) report					
Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
SELECT		SELECT		SELECT	SELECT
SELECT		SELECT		SELECT	SELECT
SELECT		SELECT		SELECT	SELECT



**Noise Monitoring Report Summary**

- 1 Was noise monitoring a licence requirement for the AER period?  
If yes please fill in table 1 noise summary below No
- 2 Was noise monitoring carried out using the EPA Guidance note including completion of the "Checklist for noise measurement report" included in the guidance note as table 6? No [Draft Noise Guidance](#)
- 3 Does your site have a noise reduction plan No
- 4 When was the noise reduction plan last updated?
- 5 Have there been changes relevant to site noise emissions (e.g. plant or operational changes) since the last noise survey? No

**Table 1: Noise monitoring summary**

Date of monitoring	Time period	Noise location (on site)	Noise sensitive location -NSL (if applicable)	LA <sub>eq</sub>	LA <sub>90</sub>	LA <sub>10</sub>	LA <sub>max</sub>	Tonal or Impulsive noise* (Y/N)	If tonal /impulsive noise was identified was 5dB penalty applied?	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is <u>site</u> compliant with noise limits (day/evening/night)?
								SELECT	SELECT		SELECT

\*Please ensure that a tonal analysis has been carried out as per guidance note NG4. These records must be maintained onsite for future inspection

If noise limits exceeded as a result of noise attributed to site activities, please choose the corrective action from the following options?

SELECT

\*\* please explain the reason for not taking action/resolution of noise issues?

---

Any additional comments? (less than 200 words)



Resource usage/ Energy Efficiency

- 1 When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below
- 2 Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI programme linked to the right? If yes please list them in additional information  
[SEAI - Large Industry Energy Network \(LIEN\)](#)
- 3 Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information

**Additional information**

21/03/2012	
no	
yes	

Energy Use	Previous year kWh	Current year kWh	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total	-	921663	-	-
Electricity	-	879592	-	-
Fossil Fuels:				
Heavy Fuel Oil	-			
Light Fuel Oil		42071		
Natural gas			-	-
Coal/Solid fuel				
Renewable energy generated on site				

\* 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**	Energy Consumption +/- % vs overall site production*
Groundwater		0		
Surface water		0		
Public supply	-	4843.5	-	-
Total	-	4843.5	-	-

\* 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
21/03/2012	Maintain existing management Practices		other initiative (please specify)	-	21/03/2012	Jim & Mark Wright	-	

**SECTION A-PRTR WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES**

PRTR facility logon

dropdown list click to see options

**SECTION B- WASTE ACCEPTED ONTO SITE-TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES**

Additional Information

Were any wastes accepted onto your site for recovery or disposal or treatment prior to recovery or disposal within the boundaries of your facility ?; (waste generated within your boundaries is to be captured through PRTR reporting)

No	
----	--

If yes please enter details in table 1 below

SELECT	
SELECT	

2 Did your site have any rejected consignments of waste in the current reporting year? If yes please give a brief explanation in the additional information

3 Was waste accepted onto your site that was generated outside the Republic of Ireland? If yes please state the quantity in tonnes in additional information

**Table 1 Details of waste accepted onto your site for recovery, disposal or treatment (do not include wastes generated at your site, as these will have been reported in your PRTR workbook)**

Licensed annual tonnage limit for your site (total tonnes/annum)	EWC code <a href="#">European Waste Catalogue EWC codes</a>	Source of waste accepted	Description of waste accepted Please enter an accurate and detailed description - which applies to <a href="#">European Waste Catalogue EWC codes</a>	Quantity of waste accepted in current reporting year (tonnes)	Quantity of waste accepted in previous reporting year (tonnes)	Reduction/Increase over previous year +/- %	Reason for reduction/increase from previous reporting year	Packaging Content (%) - only applies if the waste has a packaging component	Disposal/Recovery or treatment operation carried out at your site and the description of this operation	Quantity of waste remaining on site at the end of reporting year (tonnes)	Comments -
E.g.	07 05 04*	07- WASTES FROM ORGANIC CHEMICAL PROCESSES	other organic solvents, washing liquids and mother liquors	22	12	83%		0%	SELECT		Brought onto site from sister IPPC plant
E.g.	20 01 08	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	biodegradable kitchen and canteen waste	10	20	-50%		0%	SELECT		
		SELECT				#DIV/0!			SELECT		
		SELECT				#DIV/0!			SELECT		

**SECTION C-TO BE COMPLETED BY ALL WASTE FACILITIES (waste transfer stations, Composters, Material recovery facilities etc) EXCEPT LANDFILL SITES**

4 Is all waste processing infrastructure as required by your licence and approved by the Agency in place? If no please list waste processing infrastructure required onsite

SELECT	
SELECT	
SELECT	

5 Is all waste storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on site

SELECT	
SELECT	
SELECT	

6 Does your facility have relevant nuisance controls in place?

7 Do you have an odour management system in place for your facility? If no why?

8 Do you maintain a sludge register on site?



Environmental Protection Agency

| PRTR# : P0696 | Facility Name : Messrs Jim & Mark Wright T/A JMW Farms |  
 Filename : P0696\_2011.xls | Return Year : 2011 |

20/03/2012 17:11

[Guidance to completing the PRTR workbook](#)

# AER Returns Workbook

Version 1.1.13

<b>REFERENCE YEAR</b>	2011
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## 1. FACILITY IDENTIFICATION

Parent Company Name	Messrs Jim & Mark Wright T/A JMW Farms
Facility Name	Messrs Jim & Mark Wright T/A JMW Farms
PRTR Identification Number	P0696
Licence Number	P0696-02

Waste or IPPC Classes of Activity

No.	class_name
6.2	The rearing of pigs in installations, whether within the same complex or within 100m of the same complex, where the capacity exceeds: 750 places for sows in breeding unit or 285 places for sows in an integrated unit, or 2,000 places for production pigs.

Address 1	c/o C.L.W. Environmental Planners Ltd.,
Address 2	The Mews
Address 3	23 Farnham Street
Address 4	Cavan
	Cavan
Country	Ireland
Coordinates of Location	-6.92725 54.24015
River Basin District	GBNIENB
NACE Code	0146
Main Economic Activity	Raising of swine/pigs
<b>AER Returns Contact Name</b>	Paraic Fay
<b>AER Returns Contact Email Address</b>	paraic@clwenvironmental.ie
<b>AER Returns Contact Position</b>	Consultant
<b>AER Returns Contact Telephone Number</b>	049 4371447
<b>AER Returns Contact Mobile Phone Number</b>	0876794459
<b>AER Returns Contact Fax Number</b>	0494371451
<b>Production Volume</b>	0.0
<b>Production Volume Units</b>	
<b>Number of Installations</b>	0
<b>Number of Operating Hours in Year</b>	0
<b>Number of Employees</b>	0
<b>User Feedback/Comments</b>	
<b>Web Address</b>	

## 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 ?	
If applicable which activity class applies (as per Schedule 2 of the regulations) ?	
Is the reduction scheme compliance route being used ?	

4.1 RELEASES TO AIR

[Link to previous years emissions data](#)

| PRTR# : P0696 | Facility Name : Messrs Jim & Mark Wright T/A JMW Farms | Filename : P0696\_2011.xls | Return Year : 2011 |

20/03/2012 17:11

**SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS**

RELEASERS TO AIR		METHOD			Please enter all quantities in this section in KGs			
POLLUTANT		Method Used			QUANTITY			
No. Annex II	Name	M/C/E	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	0.0	12081.2	0.0	12081.2
01	Methane (CH4)	C	NRB	EPA Calculation Tool	0.0	90268.7	0.0	90268.7
05	Nitrous oxide (N2O)	C	NRB	EPA Calculation Tool	0.0	75.8	0.0	75.8

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

**SECTION B : REMAINING PRTR POLLUTANTS**

RELEASERS TO AIR		METHOD			Please enter all quantities in this section in KGs			
POLLUTANT		Method Used			QUANTITY			
No. Annex II	Name	M/C/E	Method Code	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)**

RELEASERS TO AIR		METHOD			Please enter all quantities in this section in KGs			
POLLUTANT		Method Used			QUANTITY			
Pollutant No.	Name	M/C/E	Method Code	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) 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 T(total) KG/yr for Section A: Sector specific PRTR pollutants above. Please complete the table below:

Landfill: Please enter summary data on the quantities of methane flared and / or utilised	Messrs Jim & Mark Wright T/A JMW Farms			
	T (Total) kg/Year	M/C/E	Method Used Method Code Designation or Description	Facility Total Capacity m3 per hour
Total estimated methane generation (as per site model)	0.0			N/A
Methane flared	0.0			0.0 (Total Flaring Capacity)
Methane utilised in engine/s	0.0			0.0 (Total Utilising Capacity)
Net methane emission (as reported in Section A above)	0.0			N/A

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

| PRTR# : P0696 | Facility Name : Messrs Jim & Mark Wright T/A JMW Farms | Filename : P0696\_2011.xls | Return Year : 2011 |

20/03/2012 17:11

Please enter all quantities on this sheet in Tonnes

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Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Licence/Permit No of Next Destination Facility		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	Method Used		Haz Waste: Name and Licence/Permit No of Recover/Disposer	Non Haz Waste: Address of Recover/Disposer		
				wastes whose collection and disposal is subject to special requirements in order to prevent infection	D10	C	Volume Calculation	Offsite in Ireland	SRCL Ltd.,WCP-DC-09-1178-01	430 Beech Road,Western Industrial Estate ,Nass Road,Dublin,Ireland	SRCL Ltd., W0055-02,430 Beech Road,Western Industrial Estate,Nass Road,Dublin,Ireland	430 Beech Road,Western Industrial Estate,Nass Road,Dublin,Ireland
Within the Country	18 02 02	Yes	0.03						College Proteins Ltd,P0037-03			
Within the Country	02 01 02	No	63.74	animal-tissue waste	R3	M	Weighed	Offsite in Ireland		Nobber,Co. Meath,,,,Ireland 4 Washingbay Road,Coalisland,Co. Tyrone,,Ireland		
To Other Countries	20 01 01	No	0.4	paper and cardboard	R3	C	Volume Calculation	Offsite in Ireland	Envirogreen Recycling, McElvaney Waste & Recycling,WCP/MH/5/0089/01	Corcaghan,Monaghan,,,,Ireland		
Within the Country	20 03 01	No	0.6	mixed municipal waste	D1	C	Volume Calculation	Offsite in Ireland			Irish Lamp Recycling Ltd.,WFP-KE-08-0348-01,Woodstock Industrial Estate,Kilkenny Road,Athy,Co. Kildare,Ireland	Woodstock Industrial Estate,Kilkenny Road,Athy,Co. Kildare,Ireland
Within the Country	20 01 21	Yes	0.005	fluorescent tubes and other mercury-containing waste	R4	C	Volume Calculation	Offsite in Ireland	Monaghan Electrical Wholesale Ltd.,WEEE Ireland Reference no. MON100	Plantation Road ,Monaghan ,Co. Monaghan,,Ireland		

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

[Link to previous years waste data](#)

[Link to previous years waste summary data & percentage change](#)



## Annual Environmental Report: Summary of Emissions and Waste Transfers

### Intensive Agriculture Emissions Calculation Tool for AER / PRTR Reporting Version 1.1 May 2009

#### Data Entry and Calculation Output Sheet

Facility Name:	Jim & Mark Wright T/A JMW Farms		
Licence Reg. No.:	P0696-02	Reporting year:	2011

#### Data Entry Table: Pig Farms

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

- Note: the animal number for each class of swine (weaners; finishers; 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 class.
- 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	<i>data entry:</i> Pig Number / year
Suckling sow+litter	292
Dry sow	883
Boars	5
Maiden gilts	539
Weaners (7 to 35 kg)	6,558
Finishers (35 to 98 kg)	0

##### STORAGE

Enter surface area of OUTDOOR UNCOVERED STORAGE  
 (see Surface Area Calculation for a simple tool for this purpose)

Unit number	<i>data entry:</i> Surface Area m <sup>2</sup>
Slurry storage 1	
Slurry storage 2	
Slurry storage 3	
Slurry storage 4	
Others	
<b>Total</b>	0

##### FORM OF MANURE STORAGE

Enter the form of Manure Storage

<i>data entry:</i> Enter Yes in appropriate box:
Liquid Manure Storage: YES
Solid Manure storage:

##### 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								
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	12,081.2	0	12,081.2
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05	Nitrous oxide (N2O)	C	NRB	EPA Calculation tool	0	75.8	0	75.8