

**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  
January 2012 – December 2012**



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

**APRIL 2013**

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- |                         |   |  |
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**JIM & MARK WRIGHT  
JMW FARMS**

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

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

**1<sup>st</sup> JANUARY 2012 – 31<sup>st</sup> DECEMBER 2012**

**1. Preface**

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

“ The licensee shall submit to the Agency, by 31<sup>st</sup> 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.”

## **2. Report Structure**

### **2.1 Introduction**

**Licence Register Number:** P0696-01  
**Name:** JMW Farms

**Location:** Crosses  
Ballybay Road  
Co Monaghan

**All Correspondence to:** Paraic Fay B.Agr.Sc.  
C/o C.L.W. Environmental Planners Ltd.,  
The Mews,  
23 Farnham St.,  
Cavan Town.  
Tel: 049-4371447 087-6794459  
Fax: 049-4371451

### **2.2 Site Description**

This is a breeding pig farm that breeds and rears pigs to c. 30kg's.. The types of animals include; Sows (1200), weaners (6,800), fatteners (0), gilts (550), boars ( ).

### **3. Management of the Activity.**

#### **3.1 Environmental Management**

On-farm recording is as follows;

- Slurry capacity register
- Slurry movement register
- Water meter monitoring
- Surface water monitoring
- Veterinary waste monitoring
- Domestic waste monitoring
- Animal carcass monitoring
- Complaints register

On-farm training as follows;

- Key personnel identified on the farm
- Advised as to their responsibilities in complying with the IPC licence
- A recording schedule was set up for all monitored areas
- Emergency procedures for accidental emissions were instigated

#### **3.2 Corrective Action**

Notification(s) of non-compliance/observations were issued to this unit during the year. The issues of concern were addressed in subsequent correspondence to the Agency.

#### **3.3 Awareness & Training**

All training on-site managed by J.M.W. Farms. Assistance given by C.L.W. where required.

#### **3.4 Notification/Reporting to the Agency:**

##### **3.4.1 Environmental Incidents**

No environmental incidents occurred during the reporting period. Should an incident occur the emergency plan will be activated and immediate communication made with the Agency and other relevant authorities such as the Regional Fisheries Board and the Local Authority.

##### **3.4.2 Re-Occurring Monitoring Reports**

Results from quarterly Surface Water Discharge Monitoring are included as Attachment No. 3 of this AER.

#### **4. Summary Information:**

##### **4.1 ORGANIC FERTILISER DESTINED TO CUSTOMERS.**

Organic fertiliser provided to customers during the year.

###### **4.1.1 Storage Capacity**

Please refer to tables included as Attachment No. 1 of this AER.

##### **4.2 WASTE DISPOSAL**

Please refer to information included as Attachment No. 2 of this AER.

##### **4.3 WATER CONSUMPTION**

Estimated monthly water consumption for 2012. = c. 1,400 m<sup>3</sup>

#### **4.4 ENVIRONMENTAL INCIDENTS & COMPLAINTS**

##### **4.4.1 Environmental Incidents**

There were no environmental incidents during the reporting period.

##### **4.4.2 Complaints**

No complaints were received by this facility in the reporting period.

##### **Complaints Record**

<u>Type</u>	<u>Number</u>
Odour	0
Noise	0
Water	0
Procedural	0
Miscellaneous	0

#### **4.5 Summary of EPA Monitoring & Enforcement**

No samples taken by the EPA.

There were no E.P.A. site inspections in this period.

### **5. Licence-Specific Reports**

**Surface Water Discharge Monitoring and Ground Water Monitoring - Reports** enclosed as part of AER.

**Odour Management Plan and Tank and Pipeline Assessment** submitted during 2012.

***ATTACHMENT No. 1***

***PERCENTAGE AVAILABLE SLURRY STORAGE  
CAPACITY***



## Percentage Available Slurry Storage Capacity Jan '12 - Dec '12

Month (12)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
%	64.51	73.60	47.58	17.07	21.14	23.58	28.46	64.57	70.86	76.93	74.41	68.40

***ATTACHMENT No. 2***

***PRTR RETURNS***



Environmental Protection Agency

| PRTR# : P0696 | Facility Name : Messrs Jim & Mark Wright T/A JMW Farms |  
Filename : P0696\_2012.xls | Return Year : 2012 |[Guidance to completing the PRTR workbook](#)

# AER Returns Workbook

Version 1.1.15

<b>REFERENCE YEAR</b>	2012
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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	GBNIIENB
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>	Environmental 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>	049-4371451
<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>	1
<b>User Feedback/Comments</b>	Number of employees referred to above equals estimated labour units per 125 sows
<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?	
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 ?	
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**4. WASTE IMPORTED/ACCEPTED ONTO SITE**

Guidance on waste imported/accepted onto site

Do you import/accept waste onto your site for on-site treatment (either recovery or disposal activities) ?	No
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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\_2012\_H1 | Return Year : 2012 |

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SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

No. Annex II	POLLUTANT	RELEASES TO AIR			Please enter all quantities in this section in KGs				
		Name	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) Methane (CH4) Nitrous oxide (N2O)		C	NRB	EPA Calculation Tool	0.0	12201.0	0.0	12201.0
01			C	NRB	EPA Calculation Tool	0.0	91459.0	0.0	91459.0
05			C	NRB	EPA Calculation Tool	0.0	76.2	0.0	76.2

\* 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	RELEASES TO AIR			Please enter all quantities in this section in KGs				
		Name	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	RELEASES TO AIR			Please enter all quantities in this section in KGs				
		Name	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) 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: Messrs Jim & Mark Wright T/A JMW Farms

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

Total estimated methane generation (as per site model)	Methane flared	Methane utilised in engine/s	Net methane emission (as reported in Section A above)	Method Used		Facility Total Capacity m3 per hour
				M/C/E	Method Code	
0.0	0.0	0.0	0.0			N/A
0.0	0.0	0.0	0.0			(Total Flaring Capacity)
0.0	0.0	0.0	0.0			(Total Utilising Capacity)
0.0	0.0	0.0	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\_2012.xls | Return Year : 2012 |

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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	Haz Waste : Name and Licence/Permit No of Next Destination Facility Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility No. Haz Waste : Address of Recover/Disposer	Name and Licence / 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					
Within the Country	02 01 02	No	62.82	animal-tissue waste	R3	M	Weighted	Offsite in Ireland	College Proteins Ltd,P0037-	Nobber,Co. Meath,....,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	0.0052	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	Irish Lamp Recycling Ltd.,WFP-KE-08-0948-01,Woodstock Industrial Estate,Kilkenny Road,Athy,Co. Kildare,Ireland	430 Beech Road,Western Industrial Estate,Nass Road,Dublin,Ireland
Within the Country	20 01 21	Yes	0.0005	fluorescent tubes and other mercury-containing waste	R4	C	Volume Calculation	Offsite in Ireland	Monaghan Electrical Wholesale Ltd.,WEEE MCNT00	Plantation Road ,Monaghan ,Co. Monaghan,....,Ireland	Woodstock Industrial Estate,Kilkenny Road,Athy,Co. Kildare,Ireland	Woodstock Industrial Estate,Kilkenny Road,Athy,Co. Kildare,Ireland
Within the Country	20 03 01	No	0.8	mixed municipal waste	D1	C	Volume Calculation	Offsite in Ireland	McElvaney Waste & Recycling,WCP/MH/5/0069/01	Corcaghan,Monaghan,....,Ireland		
Within the Country	20 01 02	No	0.001	glass	R3	C	Volume Calculation	Offsite in Ireland	Monaghan Electrical Wholesale Ltd.,WEEE MCNT00	Plantation Road ,Monaghan ,Co. Monaghan,....,Ireland		

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

***ATTACHMENT No. 3***

***SURFACE AND GROUND  
WATER MONITORING RESULTS***



**MONAGHAN VETERINARY LABORATORY**

Clones Road, Monaghan, Co Monaghan, Ireland.

Telephone: 047 74135

Fax: 047 74166

Email: mvl@agrihealth.ie

Name Atten Jennifer

Account 102

Address JMW Farms

Report No. 33615

52 Cortynan Road,

Date of Receipt 28/09/2012

Tynan,

Date Analysis Started 28/09/2012

Co. Armagh.

Date of Report 07/12/2012

### Laboratory Test Report

Lab Ref	Sample Details	Method Ref.	Test	Result	Units
78804	Water, JMW Farms (IRL) Ltd, Crosses site	MVL29*	Biochemical Oxygen Demand(BOD)	2.2 mg/l BOD	

Authorised By : *Lynda Fannin*  
 Lynda Fannin  
 Technical Manager

MVL01, MVL02, MVL07C, MVL07E, MVL08 and MVL11 are INAB accredited to ISO 17025.

\* Indicates the test is subcontracted.

\*\* Indicates the subcontracted test is accredited to ISO 17025.

This report relates only to the test item tested.

This report is confidential and intended solely for the use of the customer to whom it is addressed.





# Microlabs *Food & Water Laboratory*

Microlabs Ltd. • Drumillard Little • Monaghan Road • Castleblayney • Co. Monaghan • Ireland  
Tel. 042 9746653 • Fax. 042 9746675 • Email: microlab@iol.ie

*Camden & Chorleywood - CLAS accredited Laboratory*

Chemical Analysis Report      11/07/12

JMW FARMS  
ARDAGHY  
CO. MONAGHAN

SAMPLE:      **RIVER WATER**  
REF:          **CROSSES, MONAGHAN**  
SAMPLE DATE:    04/07/2012  
TEST START DATE: 04/07/2012

Temp °C:

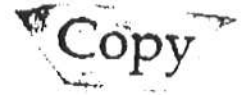
Parameter	Result	Method Reference
BOD, mg/l	4.1	5 Day test , ref SM 5210 B

Note: SM = Standard Methods for the Examination of Water and Wastewater 1995

Signed: .....  
*Martin McGuire*  
Martin McGuire




**MONAGHAN VETERINARY LABORATORY**  
 Clones Road, Monaghan, Co Monaghan, Ireland.  
 Telephone: 047 74135  
 Fax: 047 74166  
 Email: mvl@agrihealth.ie



Name	JMW Farms (IRL) Ltd	Account	01207
Address	52 Cortynan Road	Report No.	30258
	Tynan	Date of Receipt	23/03/2012
	Co. Armagh	Date Analysis Started	23/03/2012
	BT60 4QZ	Date of Report	17/09/2012
Cust P.O.	3117		

**Laboratory Test Report**

Lab Ref	Sample Details	Method Ref.	Test	Result	Unit
70858	Storm Water Sample - River, Water, JMW Farms (IRL) Ltd	MVL28*	Biochemical Oxygen Demand(BOD)	2.2 mg/l BOD	

Authorised By :   
 Noeleen Mackle  
 Senior Analyst

MVL01, MVL02, MVL07C, MVL07E, MVL08 and MVL11 are INAB accredited to ISO 17025  
 \* Indicates the test is subcontracted  
 \*\* Indicates the subcontracted test is accredited to ISO 17025  
 This report relates only to the test item tested  
 This report is confidential and intended solely for the use of the customer to whom it is addressed

Name	J.M.W. FARMS	Account	00722
Address	52 CORTYNAN ROAD	Report No.	29080
	TYNAN	Date of Receipt	04/01/2012
	CO. ARMAGH	Date Analysis Started	04/01/2012
	BT60 4QZ	Date of Report	12/01/2012

### Laboratory Test Report

Lab Ref	Sample Details	Method Ref.	Test	Result	Units
67647	Water, J.M.W. FARMS	MVL29*	Biochemical Oxygen Demand(BOD)	1.6 mg/l BOD	

Authorised By :

  
Lynda Fannin

Technical Manager

MVL01, MVL02, MVL07C, MVL07E, MVL08 and MVL11 are INAB accredited to ISO 17025.

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