

# ANNUAL ENVIRONMENTAL REPORT

2013

Licence Register No: P0396-01

Licensee: Maurice O' Brien

Location of Activity: Derrynanool,  
Mitchelstown,  
Co. Cork.

May 2014

**PREPARED BY**

MICHAEL SWEENEY & ASSOCIATES, NRGE, MOORESFORT, LATTIN, CO TIPPERARY

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## 1. INTRODUCTION

The reports set out in this document are presented as part fulfilment of the licensee obligations under its Integrated Pollution Control License.

LICENSEE; ..... Maurice O' Brien

LICENCE REG No.....Reg No P0396-01

LOCATION OF ACTIVITY..... Derrynanool, Mitchelstown, Co. Cork

I.P.C. CLASS No..... 6.2.

### I.P.C. CLASS DESCRIPTION:

The rearing of pigs in installations whether within the same complex, or within 100 meters of that complex. Where the capacity exceeds 285 places for sows in an integrated unit, where 'integrated unit' means a piggery in which pigs are bred and reared to slaughter

## 2. DESCRIPTION OF SITE ACTIVITIES

This pig production unit is located in an isolated site, in a wholly agricultural area, approximately 3.5 kilometres from Mitchelstown. The nearest private dwelling is approximately 650m to the north of the unit.

The unit has been licensed by the Environmental Protection Agency since 31<sup>st</sup> December 1998, and the operating capacity of the site is set out in Table 1 below; The estimated volume of pig slurry produced from these stock during 2013 was 38352 M3

Animal type	Stock Numbers on IPC Licence Reg. 396	Average Stock Numbers on site for 2007	Average Stock Numbers on site for 2008	Average Stock Numbers on site for 2009	Average Stock Numbers on site for 2010	Average Stock Numbers on site for 2011	Average Stock Numbers on site for 2012	Average Stock Numbers on site for 2013
Suckling Sows	530	518	512	341	528	524	527	528
Dry Sows	1870	1857	1859	1098	1771	1868	1862	1865
Boars	20	10	10	4	4	15	20	15
Maiden Gilts	240	232	230	163	209	214	232	234
Weaners	8200	8191	8049	4848	5829	8195	8180	8190
Finishers	12000	11824	11714	5033	10917	11750	11475	11547

TABLE 1 Average stocking level at this site. (2007-2013)

## 3. SUMMARY INFORMATION

During 2013, 11,820 tonnes of animal feed were utilised on site. 64,431 litres of heating oil, and 1,137,48 units of electricity, were also utilised in the process.

UNITS	2007	2008	2009	2010	2011	2012	2013
Tonnes of Feed	11,083	11,144	8480	12,107	15,379	12,051	11,820
Litres of Heating Oil	264,263	326,444	258,893	397,385	295,900	123,543	62,231
Natural Gas						77,815	129,448
Units of Electricity	1,164,28	1,110,61	301,09	1,103,67	1,101,03	1,076,73	1,137,48
M3 of Water	36,899	37,664	35,621	34,500	35,602	32,133	31,655

### 3.1 PIG MANURE STORAGE CAPACITY

The available pig manure storage capacity is recorded weekly on site, and reported monthly to the Agency. This data is summarised in Table 2 overleaf, and presented as the % of storage capacity available at the end of each month. It is clear that there is sufficient suitable storage available on site. The available slurry storage capacity of this farm is 32195 M3.

Month	Jan	Feb	Mar	Apr	Ma y	Jun	Jul	Aug	Sep t	Oct	Nov	Dec
2000	51	51	48	42	37	68	68	67	65	55	45	37
2001	33	35	39	37	49	66	70	76	73	70	61	49
2002	41	36	43	52	54	49	67	68	71	67	63	46
2003	36	38	42	60	59	66	70	67	72	72	66	57
2004	44	49	58	48	56	45	52	60	61	57	52	50
2005	28	22	27	30	29	35	50	53	51	53	44	37
2006	30	32	78	46	44	44	55	48	38	41	34	25
2007	20	21	23	56	41	49	46	55	53	51	43	39
2008	31	35	39	45	49	58	69	72	81	78	69	60
2009									96	90	75	72
2010	43	35	59	75	69	68	68	73	85	81	79	75
2011	62.7	59.4	57.2	59.3	66.5	69.6	70.9	68.7	87.8	73.6	59.6	52.3
2012	69	65	72	71	78	71	65	66	72	71	75	68
2013	40	39	49	66	71	73	65	70	70	63	60	53
2013	60	56	49	66	71	73	65	70	70	54	47	29

TABLE 2 Summary of available pig manure storage capacity. (2000 - 2013)

### 3.2 PIG MANURE ANALYSES:

The nutrient content of pig manure from this facility is currently calculated in accordance with S.I. No 610 of 2010 as 0.8 Kgs P/M3 and 4.2 Kgs N/M3

### 3.3 ALTERATIONS TO CUSTOMERS LANDS

There were no alterations to customer farms during this period

### 3.4 CONTRACTORS UNDERTAKING DELIVERY OF PIG MANURE.

There were no alterations to the list of contractors undertaking delivery of pig manure to customer farms during this period.

### 3.5 PIG MANURE SPREADING REGISTER

A pig manure register is maintained on site. This register which contains commercially sensitive information is available on site for inspection during normal working hours. The pig manure from this facility is utilised as fertiliser on agricultural

crops, on clearly identified parcels of land, in accordance with nutrient requirements, and therefore is not waste, as determined by the European court of Justice. During 2013, 27,188 M3 of pig manure was delivered to existing customers for use as an agricultural fertiliser, at rates required by a fertiliser plan.

### 3.6 FERTILISER PLAN

Fertilizer plans for customer farms are the responsibility of the individual customer farms as is compliance with the Nitrate Directive Regulations.

### 3.7 WASTE NOT DESTINED FOR LANDSPREADING

The waste management records for waste not destined for landspreading are included as Attachment No 2. These include the registers for pig carcasses, refuse, and Veterinary waste and fluorescent tubes, and the total volumes removed off site are set out hereunder.

WASTE TYPE	Pig Carcasses	Veterinary Waste	General Refuse	Fluorescent Tubes
EWC Code	02 01 02	18 02 01*	20 03 01	
2003	166.02 Tonnes	12 Kgs	11.63 Tonnes	
2004	185.56 Tonnes	4 Kgs	12.3 Tonnes	
2005	223.71 Tonnes	4 Kgs	11.4 Tonnes	
2006	290.99 Tonnes	5 Kgs	12.1 Tonnes	
2007	260.64 Tonnes	14 Kgs	11.79 Tonnes	
2008	254.3 Tonnes	20 Kgs	12.11 Tonnes	
2009	105.2 Tonnes	20 Kgs	11.14 Tonnes	
2010	139.95 Tonnes	20 Kgs	7.61 Tonnes	
2011	135.39 Tonnes	20 Kgs	9.8 Tonnes	32 Kgs
2012	136.0 Tonnes	8.2kgs	10.51 Tonnes	
2013	149.3 Tonnes	21 Kgs	10.14 Tonnes	

TABLE 6: Summary of waste volumes exported (2003-2013).

### 3.8 ENVIRONMENTAL INCIDENTS AND COMPLAINTS

There were no complaints or incidents regarding the facility in the reporting period

### 3.9 SELF MONITORING DATA.

#### 1. AMBIENT SURFACE WATER MONITORING

A summary of Ambient Surface water monitoring, Groundwater monitoring, and storm water monitoring for this facility for 2010 to 2013 is set out hereunder.

Table 6 shows the results obtained for ambient surface water analyses for 2010-2012.

DATE	Location REF.	COD	Ammonia	Total N	Total P
<b>2010</b> 1 <sup>st</sup> QTR	BR10	Dry	Dry	Dry	Dry
	BR11	Dry	Dry	Dry	Dry
<b>2010</b> 2 <sup>nd</sup> QTR	BR10	Dry	Dry	Dry	Dry
	BR11	Dry	Dry	Dry	Dry

<b>2010</b>	BR10	8	0.6	7.1	3.6
<b>3<sup>rd</sup> QTR</b>	BR11	16	2.3	2.8	1.7
<b>2010</b>	BR10	7	0.2	1.9	0.4
<b>4<sup>th</sup> QTR</b>	BR11	6	0.1	0.5	0.3
<b>2011</b>	BR10	Dry	Dry	Dry	Dry
<b>1st QTR</b>	BR11	Dry	Dry	Dry	Dry
<b>2011</b>	BR10	Dry	Dry	Dry	Dry
<b>2nd QTR</b>	BR11	Dry	Dry	Dry	Dry
<b>2011</b>	BR10	8	3.3	8.3	0.6
<b>3rd QTR</b>	BR11	10	2.4	9.1	0.5
<b>2011</b>	BR10	Dry	Dry	Dry	Dry
<b>4th QTR</b>	BR11	Dry	Dry	Dry	Dry
<b>2012</b>	BR10	39	0.08	11.9	0.63
<b>1st QTR</b>	BR11	31	0.06	11.1	0.60
<b>2012</b>	BR10	44	1.6	<1	0.62
<b>2nd QTR</b>	BR11	43	1.7	0.8	1.56
<b>2012</b>	BR10	Dry	Dry	Dry	Dry
<b>3rd QTR</b>	BR11	Dry	Dry	Dry	Dry
<b>2012</b>	BR10	35	0.35	2.8	1.04
<b>4th QTR</b>	BR11	32	0.35	2.8	1.03
<b>2013</b>	BR10	32	<0.01	7.2	0.11
<b>1st QTR</b>	BR11	39	0.01	9.8	0.21
<b>2013</b>	BR10	48	2.5	5.0	0.4
<b>2nd QTR</b>	BR11	35	1.4	2.6	0.5
<b>2013</b>	BR10	18	0.7	7.5	0.6
<b>3rd QTR</b>	BR11	18	0.7	7.5	0.62
<b>2013</b>	BR10	12	0.03	1.2	0.02
<b>4th QTR</b>	BR11	7	0.01	0.7	<0.01

TABLE 6 Ambient surface water monitoring results for 2010-2013.

## 2. AMBIENT GROUNDWATER MONITORING

Table 7 shows the results obtained for groundwater analyses

<b>LOCATION</b>	<b>DATE</b>	<b>NITRATE</b>	<b>TOTAL AMMONIA</b>	<b>F. COLI</b>
BW1	01.08.07	2.9	0.25	0
BW2	01.08.07	2.7	0.24	0
BW1	07/05/08	3.3	0.37	0
BW2	07/05/08	2.3	0.64	0
BW1	23/3/09	1.4	0.1	0
BW2	2/4/09	2.9	0.10	0
BW1	17/08/10	2.9	0.1	0
BW2	17/08/10	3.1	0.1	0
BW1	5/10/11	2.8	0.06	0
BW2	5/10/11	2.9	0.06	0
BW1	12 Dec, 2012	1.7	0.02	0
BW2	12 Dec, 2012	3.2	0.06	0
BW1	10, Oct, 2013	3.2	0	0
BW2	10 Oct, 2013	2.6	0	0

TABLE 7 Ambient groundwater monitoring results. (2007-2013)

#### 4. SURFACE WATER DISCHARGE MONITORING

The surface water discharge points at the site are visually inspected weekly, (a copy of this register is included in Attachment No 1), and sampled quarterly. Table 8 outlines the results of surface water discharge analyses.

DATE	Monitoring Point Ref	COD mg/l 2007	COD mg/l 2008	COD mg/l 2009	COD mg/l 2010	COD mg/l 2011	COD mg/l 2012	COD mg/l 2013
1 <sup>st</sup> QTR	BS1	16	27	<1.0	Dry	Dry	42	13
	BS2	16	8	<1.0	Dry	Dry	41	17
2 <sup>nd</sup> QTR	BS1	48	1	<1	Dry	Dry	5	45
	BS2	34	1	<1	Dry	Dry	<1	46
3 <sup>rd</sup> QTR	BS1	31	22.5	<1	11	2	Dry	9
	BS2	14	21.5	<1	17	3	Dry	13
4 <sup>th</sup> QTR	BS1	1	7	29	<1	<1	5	9
	BS2	1	1	28	<1	3	12	13

TABLE 8 Surface water discharge analyses. (2007-2013)

#### 4. MANAGEMENT OF THE ACTIVITY

##### 4.1 CORRECTIVE ACTION PROCEDURES

A copy of the corrective action procedure for this site is included as Attachment No 3. There were no Non compliances issued in respect of this facility during this reporting period.

##### 4.2 AWARENESS AND TRAINING PROGRAMME

A copy of the awareness and training procedure for this site is included in Attachment No 3.

##### 4.3 RESPONSIBILITIES

The organisational chart for environmental management of this site is shown overleaf.

##### 4.4 COMMUNICATIONS

A copy of the public information programme for this site is included in Attachment No 3.

##### 4.5 VERMIN CONTROL

Vermin control is carried out on site by staff. A register is maintained of these inspections. A copy of this register is available on site for inspection.

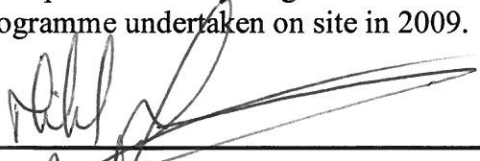
##### 4.6 NOTIFICATION PROCEDURES

A copy of notification procedure for this site is included in Attachment No 3.

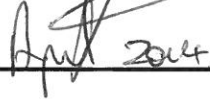
**5. TANK AND PIPELINE TESTING AND INSPECTION REPORT**

A tank and pipeline inspection report was submitted to the Agency on 3<sup>rd</sup> March 2010. The inspection of all storage tanks on site was possible due to the de stock and restock programme undertaken on site in 2009.

SIGNED

A handwritten signature in black ink, appearing to be 'Neil', written over a horizontal line.

DATE

A handwritten date 'April 2014' in black ink, written over a horizontal line.



IPC REGISTRATION No: P0396-01

## ATTACHMENT NO. 1

# SURFACE WATER DISCHARGE MONITORING

# DERRYNANOOK PIG FARM

IPC LICENCE REF: PO 0396-01

LICENSEE Mairéad O'Brien

LOCATION Derrynanook, Mitchelstown, Co. Cork

MONITORING POINT BS1 and BS2

WEEKLY

DATE	BS1	COMMENT	Clean	Clear	DATE	BS2	Clean	Clear	COMMENT
	(Below Gilt House)					(Near Tank 3)			
03-Jan	flow	OK	yes	yes	03-Jan	flow	yes	yes	OK
10-Jan	flow	OK	yes	yes	10-Jan	flow	yes	yes	OK
17-Jan	flow	OK	yes	yes	17-Jan	flow	yes	yes	OK
24-Jan	flow	OK	yes	yes	24-Jan	flow	yes	yes	OK
31-Jan	flow	OK	yes	yes	31-Jan	flow	yes	yes	OK
07-Feb	flow	OK	yes	yes	07-Feb	flow	yes	yes	OK
14-Feb	flow	OK	yes	yes	14-Feb	flow	yes	yes	OK
21-Feb	flow	OK	yes	yes	21-Feb	flow	yes	yes	OK
28-Feb	flow	OK	yes	yes	28-Feb	flow	yes	yes	OK
07-Mar	flow	OK	yes	yes	07-Mar	flow	yes	yes	OK
14-Mar	flow	OK	yes	yes	14-Mar	flow	yes	yes	OK
21-Mar	flow	OK	yes	yes	21-Mar	flow	yes	yes	OK
28-Mar	no flow	OK	na	na	28-Mar	no flow	na	na	OK
05-Apr	flow	OK	yes	yes	05-Apr	flow	yes	yes	OK
12-Apr	flow	OK	yes	yes	12-Apr	flow	yes	yes	OK
19-Apr	flow	OK	yes	yes	19-Apr	flow	yes	yes	OK
25-Apr	flow	Fast FlowOK	yes	yes	25-Apr	Fast Flow OK	yes	yes	OK
01-May	flow	OK	yes	yes	01-May	flow	yes	yes	OK
08-May	flow	OK	yes	yes	08-May	flow	yes	yes	OK
15-May	flow	OK	yes	yes	15-May	flow	yes	yes	OK
22-May	flow	OK	yes	yes	22-May	flow	yes	yes	OK
29-May	flow	OK	yes	yes	29-May	flow	yes	yes	OK
05-Jun	flow	OK	yes	yes	05-Jun	flow	yes	yes	OK
12-Jun	flow	OK	yes	yes	06-Jun	flow	yes	yes	OK
19-Jun	no flow	OK	na	na	19-Jun	no flow	na	na	OK
26-Jun	no flow	OK	na	na	26-Jun	no flow	na	na	OK
03-Jul	no flow	OK	na	na	03-Jul	no flow	na	na	OK
10-Jul	no flow	OK	no	no	10-Jul	no flow	no	no	OK
17-Jul	flow	OK	yes	yes	17-Jul	flow	yes	yes	OK
24-Jul	flow	OK	yes	yes	24-Jul	flow	yes	yes	OK
31-Jul	flow	OK	yes	yes	31-Jul	flow	yes	yes	OK
06-Aug	no flow	OK	na	na	06-Aug	no flow	no	no	OK
13-Aug	no flow	OK	no	no	07-Aug	no flow	no	no	OK
20-Aug	flow	OK	yes	yes	20-Aug	flow	yes	yes	OK
27-Aug	no flow	OK	no	no	27-Aug	no flow	no	no	OK
03-Sep	no flow	OK	no	no	03-Sep	no flow	no	no	OK
09-Sep	no flow	OK	no	no	09-Sep	no flow	no	no	OK
16-Sep	flow	OK	yes	yes	16-Sep	flow	yes	yes	OK
23-Sep	NO FLOW	OK	no	no	23-Sep	no flow	no	no	OK
30-Sep	FLOW	OK	yes	yes	30-Sep	flow	yes	yes	ok
07-Oct	NO FLOW	OK	no	no	07-Oct	no flow	no	no	OK
14-Oct	FLOW	OK	yes	yes	14-Oct	flow	yes	yes	ok
21-Oct	fast flow ok	OK	yes	yes	21-Oct	fast flow ok	yes	yes	ok
29-Oct	fast flow ok	OK	yes	yes	29-Oct	fast flow ok	yes	yes	ok
05-Nov	fast flow ok	OK	yes	yes	05-Nov	fast flow ok	yes	yes	ok
12-Nov	NO FLOW	OK	NO	NO	12-Nov	NO FLOW	NO	NO	OK
19-Nov	NO FLOW	OK	NO	NO	19-Nov	NO FLOW	NO	NO	OK
26-Nov	NO FLOW	OK	NO	NO	26-Nov	NO FLOW	NO	NO	OK
04-Dec	NO FLOW	OK	NO	NO	04-Dec	NO FLOW	NO	NO	OK
11-Dec	NO FLOW	OK	NO	NO	11-Dec	NO FLOW	NO	NO	OK
18-Dec	fast flow ok	OK	yes	yes	18-Dec	fast flow ok	yes	yes	ok
23-Dec	fast flow ok	OK	yes	yes	23-Dec	fast flow ok	yes	yes	ok
30-Dec	fast flow ok	OK	yes	yes	30-Dec	fast flow ok	yes	yes	ok

IPC REGISTRATION No: P0396-01

## ATTACHMENT NO. 2

# WASTE MANAGEMENT RECORDS

IPC LICENSE REG NO PO0396  
 LICENSEE Mairead O'Brien  
 LOCATION Derrynanool, Mitchelstown, Co. Cork

## WASTE MANAGEMENT REGISTER

WASTE: ANIMAL CARCASSES (Code No 02 01 02)  
 CONTRACTOR: CLONMEL FATS LTD.  
 DESTINATION: MUNSTER PROTEINS WATERFORD

**2013**

DATE	VOLUME	COLLECTED BY
07-Jan	1.88	John Dawson
14-Jan	2.64	John Dawson
21-Jan	2.98	John Dawson
28-Jan	3.06	John Dawson
04-Feb	3.14	John Dawson
11-Feb	2.44	John Dawson
25-Feb	2.56	John Dawson
04-Mar	2.4	John Dawson
11-Mar	3.1	John Dawson
19-Mar	3.64	John Dawson
25-Mar	2.14	John Dawson
02-Apr	2.88	John Dawson
08-Apr	1.92	John Dawson
15-Apr	3.18	John Dawson
22-Apr	2.78	John Dawson
29-Apr	2.44	John Dawson
07-May	2.78	John Dawson
13-May	1.88	John Dawson
20-May	3.14	John Dawson
27-May	3.05	John Dawson
04-Jun	2.58	John Dawson
10-Jun	2.78	John Dawson
17-Jun	2.74	John Dawson
24-Jun	2.02	John Dawson
08-Jul	2.72	John Dawson
15-Jul	2.74	John Dawson
18-Jul	0.58	John Dawson
22-Jul	0.82	John Dawson
29-Jul	1.16	John Dawson
02-Aug	0.54	John Dawson
05-Aug	7.72	John Dawson
15-Aug	0.9	John Dawson
19-Aug	11.4	John Dawson
22-Aug	8.22	John Dawson
02-Sep	6.4	John Dawson
09-Sep	2.3	John Dawson
16-Sep	2.86	John Dawson
23-Sep	2.82	John Dawson
30-Sep	2.4	John Dawson
07-Sep	2.5	John Dawson
14-Oct	3.1	John Dawson
21-Oct	3	John Dawson
29-Oct	2.42	John Dawson
11-Nov	3.52	John Dawson
18-Nov	2.3	John Dawson
25-Nov	2.06	John Dawson
02-Dec	1.98	John Dawson
09-Dec	2.52	John Dawson
16-Dec	2.8	John Dawson
23-Dec	2.6	John Dawson
30-Dec	2.8	John Dawson

SCALES BROKEN



LICENSEE

Mairead O'Brien

LOCATION

Derrynanool, Mitchelstown, Co. Cork

**WASTE MANAGEMENT REGISTER****1013**

WASTE: PAPER AND CARDBOARD  
 CONTRACTOR: COUNTRY CLEAN  
 DESTINATION: CORK CO. COUNCIL LAND-FILL

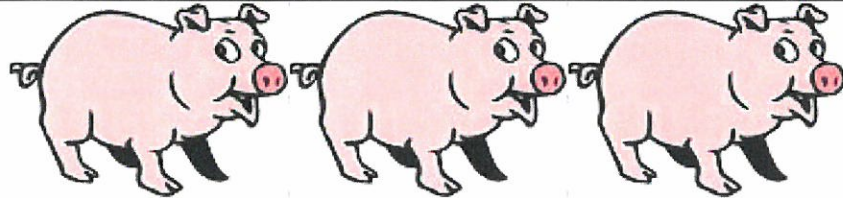
DATE	VOLUME (kg)	DELIVERED BY
02-Jan	350	Moss Keane
16-Jan	400	Moss Keane
30-Jan	380	Moss Keane
12-Feb	400	Moss Keane
26-Feb	350	Moss Keane
11-Mar	380	Moss Keane
19-Mar	400	Moss Keane
26-Mar	390	Moss Keane
09-Apr	400	Moss Keane
23-Apr	350	Moss Keane
07-May	400	Moss Keane
21-May	450	Moss Keane
04-Jun	350	Moss Keane
11-Jun	400	Moss Keane
25-Jun	350	Moss Keane
09-Jul	400	Moss Keane
23-Jul	400	Moss Keane
29-Jul	350	Moss Keane
12-Aug	380	Moss Keane
26-Aug	400	Moss Keane
09-Sep	380	Moss Keane
23-Sep	400	Moss Keane
08-Oct	370	Moss Keane
22-Oct	400	Moss Keane
04-Nov	2.28	Moss Keane
18-Nov	380	Moss Keane
03-Dec	380	Moss Keane
17-Dec	350	Moss Keane
23-Dec	2.34	Moss Keane
30-Dec	3	Moss Keane
<b>TOTAL</b>	<b>10347.62</b>	

IPC REGISTRATION No: P0396-01

## ATTACHMENT NO. 3

# ENVIRONMENTAL OPERATING PROCEDURES

IPC LICENCE REG No P0396-01  
LICENSEE:...MAIREAD O'BRIEN  
LOCATION:...DERRYNANOL, MITCHELSTOWN, CO CORK



.....

**CORRECTIVE ACTION PROCEDURE**

.....

**IN THE EVENT OF A REPORTED NON COMFORMITY,  
RESPONSIBILITY AND AUTHORITY FOR INITATING FURTHER  
INVESTIGATION AND CORRECTIVE ACTION SHALL FOLLOW  
THE FOLLOWING STEPS;**

- 1. DETERMINE THE REASONS WHY THE SPECIFIED REQUIREMENTS WERE NOT MET**
- 2. DRAW UP A PLAN OF ACTION TO CORRECT NON COMFORMITY WITH THE SPECIFIED REQUIREMENTS.**
- 3. IMPLEMENT PREVENTIVE ACTION TO A LEVEL CORRESPONDING TO THE RISK ENCOUNTERED.**
- 4. APPLY CONTROLS TO ENSURE THAT CORECTIVE ACTIONS ARE TAKEN AND THAT THEY ARE EFFECTIVE.**
- 5. IMPLEMENT AND RECORD ANY CHANGES IN PROCEDURES RESULTING FROM CORRECTIVE ACTION.**
- 6. PROVIDE SUCH APPROPRIATE TRAINING OR RETRAINING AS MAY BE NECESSARY**



## **REPORT ON EMERGENCY INCIDENTS**

AS PART OF IPC LICENCE REG No P0396-01 THERE IS A REQUIREMENT TO INFORM THE AGENCY OF THE FOLLOWING:

- Incidents that may effect the normal operation of the activity and which may create an environmental risk.
- Emergency situations that develop on site
- Malfunctions of any continuous monitors.
- Any malfunction or breakdown of control equipment or monitoring equipment.
- Any release to atmosphere or emission that does not comply with the requirements of the licence.

DATE OF INCIDENT:

TIME OF INCIDENT:

IPC REG NO

LOCATION:

LICENSEE:

**DESCRIPTION OF INCIDENT:**

**DESCRIPTION OF ACTION TAKEN:**

**Authorities Contacted:**

**Signed:**

**MAIREAD O'BRIEN, PIG ENTERPRISES, DERRYNANOOOL  
MITCHELSTOWN, CO CORK  
IPC LICENCE REG NO P0396-01**

**Phone: 025-84990**

**Fax: 025-84111**

## **EMERGENCY RESPONSE PROCEDURE**

**In the event of any emergency situation developing on site  
which may create an environmental risk, make contact with  
the following**

**1. NOTIFY THE ENVIRONMENTAL PROTECTION AGENCY**

**Phone: 021-4875540 Fax: 021-4875545**

**Outside of Office Hours Phone : 1890 335599**

**2. NOTIFY CORK COUNTY COUNCIL**

**Phone: 022-21123 Fax: 022-21983**

**3. NOTIFY THE SOUTHERN REGIONAL FISHERIES BOARD**

**Phone: 052-23624 Fax: 052-80055**

**\* IF JCB's or Excavating machinery are required make contact with**

**MOSS KEANE Phone: 086-2684602**

**\* If Slurry tankers are required to move slurry, make contact with**

**MOSS KIEANE Phone: 086-2684602**

**MARTIN GALLAGHER Phone: 086-2596568**

**\* If Structural damage has occurred to any buildings on site, contact**

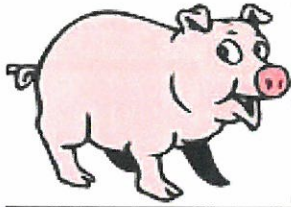
**PHILIP O BRIEN: Phone: 086-8237676**

**\* In the event of a problem with the ventilation system contact**

**IDS. Noel Cooney 0502-21224 Brendan Donnelly 087-2514010**

**FIRE BRIGADE; 999**

**GARDA; 025-84823**



## **PUBLIC INFORMATION PROGRAMME**

**CONDITION No 2.4.1, of IPC Licence Reg No P0396-01  
states**

**“The licensee shall put in place a programme to ensure that members of the public can obtain information concerning the environmental performance of the licensee at all reasonable times”.**

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**MAIREAD O’BRIEN (The licensee) IS COMMITTED TO ENSURING THAT MEMBERS OF THE PUBLIC HAVE ACCESS TO ALL RELEVANT DOCUMENTATION, DURING REASONABLE WORKING HOURS. HOWEVER BECAUSE OF DISEASE CONTROL MEASURES, AN APPOINTMENT MUST BE MADE BY CONTACTING 025-84990**

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**THE FOLLOWING DOCUMENTATION IS AVAILABLE TO MEMBERS OF THE PUBLIC, IN THE UNIT OFFICE, AT ALL REASONABLE TIMES**

- 1. IPC License application submitted to the Agency**
- 2. All correspondence with the Agency prior to issue of License**
- 3. All correspondence with, and reports sent to the Agency, since License was issued.**
- 4. Pig manure register**
- 5. Pig manure storage capacity information**
- 6. Complaints register**
- 7. All relevant waste registers maintained on site**

**NOTE: ALL SITE VISITORS MUST SIGN THE “VISITORS REGISTER”.**

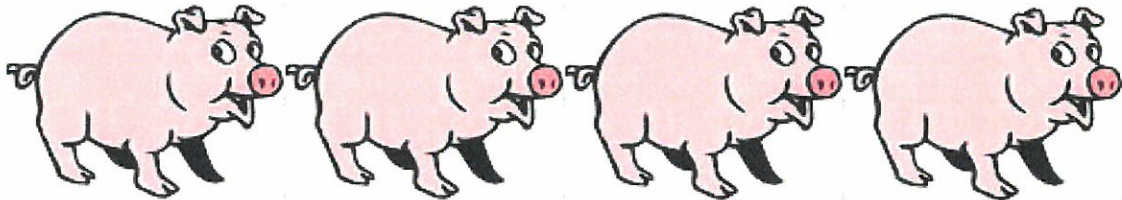
**SIGNED : \_\_\_\_\_ DATE: \_\_\_\_\_  
MAIREAD O’BRIEN**

IPC LICENCE REG No P0396-01

FORM 2.2.1

LICENSEE:...MAIREAD O'BRIEN

LOCATION:...DERRYNANOL, MITCHELSTOWN, CO CORK



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## *ENVIRONMENTAL TRAINING PROCEDURE*

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- **THE LICENSEE IS RESPONSIBLE FOR ENSURING THAT ALL ENVIRONMENTAL TRAINING IS CARRIED OUT.**
- **APPROPRIATE TRAINING RECORDS ARE KEPT FOR EACH EMPLOYEE**
- **THESE RECORDS ARE REGULARLY UPDATED**
- **ALL NEW EMPLOYEES WHOSE JOB HAVE A DIRECT INFLUENCE ON THE ENVIRONMENT RECEIVE TRAINING ON THE COMMENCEMENT OF EMPLOYMENT**
- **OUTSIDE CONTRACTORS INVOLVED IN PIG MANURE MANAGEMENT ARE REGULARLY CHECKED BY THE LICENSEE TO ENSURE PROPER TRAINING HAS BEEN RECEIVED, AND A COPY OF THE CODE OF PRACTICE FOR LANDSPREADING OF ORGANIC MANURE, IS BEING KEPT ON EQUIPMENT.**



IPC REGISTRATION No: P0396-01

## ATTACHMENT NO. 4

AER/PRTR  
SPREADSHEETS



Environmental Protection Agency

[PRTR# : P0396 | Facility Name : Mr Maurice O'Brien | Filename : P0396\_2013(1).xls | Return Year : 2013 | Page 1 of 2]

**Guidance to completing the PRTR workbook**

# AER Returns Workbook

Version 1.0.0.0

<b>REFERENCE YEAR</b>	2013
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**1. FACILITY IDENTIFICATION**

Parent Company Name	Mr Maurice O'Brien
Facility Name	Mr Maurice O'Brien
PRTR Identification Number	P0396
Licence Number	P0396-01

**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.
6.2	with 750 places for sows

Address 1	c/o M. S. Farm Services
Address 2	Mooresfort,
Address 3	Lattin
Address 4	Co. Tipperary
	Tipperary
Country	Ireland
Coordinates of Location	-8.35156 52.2660
River Basin District	IESW
NACE Code	0146
Main Economic Activity	Raising of swine/pigs
AER Returns Contact Name	Michael Sweeney
AER Returns Contact Email Address	m.sweeney@nrge.ie
AER Returns Contact Position	Environmental Consultant
AER Returns Contact Telephone Number	062-55385
AER Returns Contact Mobile Phone Number	086-8188904
AER Returns Contact Fax Number	052-7467185
Production Volume	0.0
Production Volume Units	
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	15
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?	
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. 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](#)

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

POLLUTANT		METHOD			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
01	Methane (CH4)	C	NRB	EPA Calculation Tool	0.0	282840.3	0.0	282840.3
06	Ammonia (NH3)	C	NRB	EPA Calculation Tool	0.0	47988.4	0.0	47988.4
05	Nitrous oxide (N2O)	C	NRB	EPA Calculation Tool	0.0	284.5	0.0	284.5

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

SECTION B : REMAINING PRTR POLLUTANTS

POLLUTANT		METHOD			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)

POLLUTANT		METHOD			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	T (Total) kg/Year	M/C/E	Method Used		Facility Total Capacity m3 per hour
			Method Code	Designation or Description	
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

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	Haz Waste : Name and Licence/Permit No of Next Destination Facility Haz Waste: Name and Licence/Permit No of Recover/Disposer	Non Haz Waste: Address 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	Method Used					
Within the Country	02 01 02	No	149.3	animal-tissue waste	R3	M	Weighed	Offsite in Ireland	MUNSTER PROTEINS LTD,P0040-02		CHRISTENDON,FERRYBANK,WATERFORD,CO WATERFORD,Ireland UNIT 1A ALLIED INDUSTRIAL ESTATE,KYLEMOPRE ROAD,BALLYFERMOT,DUBLIN 10,Ireland	
Within the Country	18 02 01	No	0.021	sharps except (18 02 02)	D15	E	Volume Calculation	Offsite in Ireland	ECO SAFE SYSTEMS LTD,W0054-02			