

ANNUAL ENVIRONMENTAL REPORT

2014

Licence Register No: P0396-01

Licensee: Maurice O' Brien

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

April 2015

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 31st 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 2014 was 35,803 M3

Animal type	Stock Numbers on IPC Licence Reg. 396	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	Average Stock Numbers on site for 2014
Suckling Sows	530	512	341	528	524	527	528	528
Dry Sows	1870	1859	1098	1771	1868	1862	1865	1751
Boars	20	10	4	4	15	20	15	20
Maiden Gilts	240	230	163	209	214	232	234	237
Weaners	8200	8049	4848	5829	8195	8180	8190	6347
Finishers	12000	11714	5033	10917	11750	11475	11547	11097

TABLE 1 Average stocking level at this site. (2008-2014)

3. SUMMARY INFORMATION

During 2014, 16,482 tonnes of animal feed were utilised on site. 117,303 litres of heating oil, and 1,050,56 units of electricity, were also utilised in the process.

UNITS	2008	2009	2010	2011	2012	2013	2014
Tonnes of Feed	11,144	8480	12,107	15,379	12,051	11,820	16,482
Litres of Heating Oil	326,444	258,893	397,385	295,900	123,543	62,231	117,303
Natural Gas					77,815	129,448	123,068
Units of Electricity	1,110,61	301,09	1,103,67	1,101,03	1,076,73	1,137,48	1,050,56
M3 of Water	37,664	35,621	34,500	35,602	32,133	31,655	44,369

TABLE 2: Summary of production units

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 3 below, 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	60	56	49	66	71	73	65	70	70	54	47	29
2014	21	26	51	73	85	73	63	63	75	71	50	35

TABLE 3 Summary of available pig manure storage capacity. (2000 - 2014)

3.2 PIG MANURE ANALYSES:

The nutrient content of pig manure from this facility is currently calculated in accordance with S.I. No 31 of 2014 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 2014, 36,151 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	
2014	130.94 Tonnes	36 Kgs	9.83 Tonnes	

TABLE 4: Summary of waste volumes exported (2003-2014).

3.8 ENVIRONMENTAL INCIDENTS AND COMPLAINTS

There were no complaints or incidents regarding the facility in the reporting period. This facility was last inspected by the Agency on 19 December 2014, and the resultant site inspection report was issued 21 January 2015. This was an unannounced inspection. There were no Non Compliances issued during this 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 2014 is set out hereunder.

Table 5 shows the results obtained for ambient surface water analyses for 2010-2014.

DATE	Location REF.	COD	Ammonia	Total N	Total P
2010 1 st QTR	BR10	Dry	Dry	Dry	Dry
	BR11	Dry	Dry	Dry	Dry
2010 2 nd QTR	BR10	Dry	Dry	Dry	Dry
	BR11	Dry	Dry	Dry	Dry
2010 3 rd QTR	BR10	8	0.6	7.1	3.6
	BR11	16	2.3	2.8	1.7
2010 4 th QTR	BR10	7	0.2	1.9	0.4
	BR11	6	0.1	0.5	0.3
2011 1 st QTR	BR10	Dry	Dry	Dry	Dry
	BR11	Dry	Dry	Dry	Dry
2011 2 nd QTR	BR10	Dry	Dry	Dry	Dry
	BR11	Dry	Dry	Dry	Dry
2011 3 rd QTR	BR10	8	3.3	8.3	0.6
	BR11	10	2.4	9.1	0.5
2011 4 th QTR	BR10	Dry	Dry	Dry	Dry
	BR11	Dry	Dry	Dry	Dry
2012 1 st QTR	BR10	39	0.08	11.9	0.63
	BR11	31	0.06	11.1	0.60
2012 2 nd QTR	BR10	44	1.6	<1	0.62
	BR11	43	1.7	0.8	1.56
2012 3 rd QTR	BR10	Dry	Dry	Dry	Dry
	BR11	Dry	Dry	Dry	Dry
2012 4 th QTR	BR10	35	0.35	2.8	1.04
	BR11	32	0.35	2.8	1.03
2013 1 st QTR	BR10	32	<0.01	7.2	0.11
	BR11	39	0.01	9.8	0.21
2013 2 nd QTR	BR10	48	2.5	5.0	0.4
	BR11	35	1.4	2.6	0.5
2013 3 rd QTR	BR10	18	0.7	7.5	0.6
	BR11	18	0.7	7.5	0.62
2013 4 th QTR	BR10	12	0.03	1.2	0.02
	BR11	7	0.01	0.7	<0.01
DATE	Location REF.	COD	Ammonia	Total N	Total P
2014 1 st QTR	BR10	Dry	Dry	Dry	Dry
	BR11	Dry	Dry	Dry	Dry
2014 2 nd QTR	BR10	6	0.03	0.5	0.1
	BR11	7	0.04	0.5	0.09
2014 3 rd QTR	BR10	32	0.02	1.4	0.1
	BR11	37	0.05	1.7	0.06
2014 4 th QTR	BR10	31	0.14	0.4	0.25
	BR11	26	0.05	0.3	0.32

TABLE 5 Ambient surface water monitoring results for 2010-2014.

2. AMBIENT GROUNDWATER MONITORING

Table 6 shows the results obtained for groundwater analyses

LOCATION	DATE	NITRATE	TOTAL AMMONIA	F. COLI
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
BW1	12/12/2014	4.1	0.05	0
BW2	15/12/2014	3.4	0.3	0

TABLE 6 Ambient groundwater monitoring results. (2007-2014)

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 7 outlines the results of surface water discharge analyses.

DATE	Monitoring Point Ref	COD mg/l 2008	COD mg/l 2009	COD mg/l 2010	COD mg/l 2011	COD mg/l 2012	COD mg/l 2013	COD mg/l 2014
1 st QTR	BS1	27	<1.0	Dry	Dry	42	13	Dry
	BS2	8	<1.0	Dry	Dry	41	17	Dry
2 nd QTR	BS1	1	<1	Dry	Dry	5	45	10
	BS2	1	<1	Dry	Dry	<1	46	7
3 rd QTR	BS1	22.5	<1	11	2	Dry	9	9
	BS2	21.5	<1	17	3	Dry	13	8
4 th QTR	BS1	7	29	<1	<1	5	9	18
	BS2	1	28	<1	3	12	13	<1

TABLE 7 Surface water discharge analyses. (2008-2014)

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.

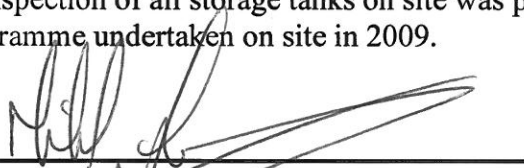
4.6 NOTIFICATION PROCEDURES

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

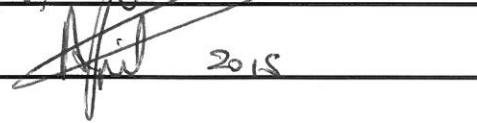
5. TANK AND PIPELINE TESTING AND INSPECTION REPORT

A tank and pipeline inspection report was submitted to the Agency on 3rd 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



DATE



IPC REGISTRATION No: P0396-01

ATTACHMENT NO. 1

SURFACE WATER DISCHARGE MONITORING

DERRYNANOO L PIG FARM

IPC LICENCE REF: PO 0396-01
 LICENCEE Mairéad O'Brien
 LOCATION Derrynanool, 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	fast flow ok	OK	yes	yes	03-Jan	fast flow ok	yes	yes	ok
10-Jan	no flow	OK	yes	yes	10-Jan	no flow	yes	yes	ok
16-Jan	no flow	OK	yes	yes	10-Jan	no flow	yes	yes	ok
21-Jan	no flow	OK	yes	yes	21-Jan	no flow	yes	yes	ok
28-Jan	fast flow ok	OK	yes	yes	28-Jan	fast flow ok	yes	yes	ok
04-Feb	fast flow ok	OK	yes	yes	04-Feb	fast flow ok	yes	yes	ok
11-Feb	flow	OK	yes	yes	11-Feb	flow	yes	yes	ok
17-Feb	fast flow ok	OK	yes	yes	17-Feb	fast flow ok	yes	yes	ok
24-Feb	flow	OK	yes	yes	24-Feb	flow	yes	yes	ok
03-Mar	flow	OK	yes	yes	03-Mar	flow	yes	yes	ok
10-Mar	flow	OK	yes	yes	10-Mar	flow	yes	yes	ok
18-Mar	no flow	OK	yes	yes	18-Mar	no flow	yes	yes	ok
24-Mar	fast flow ok	OK	yes	yes	24-Mar	fast flow ok	yes	yes	ok
31-Mar	flow	OK	yes	yes	31-Mar	flow	yes	yes	ok
07-Apr	flow	OK	yes	yes	07-Apr	flow	yes	yes	ok
14-Apr	no flow	OK	yes	yes	14-Apr	no flow	yes	yes	ok
22-Apr	no flow	OK	yes	yes	22-Apr	no flow	yes	yes	ok
02-Apr	no flow	OK	yes	yes	22-Apr	no flow	yes	yes	ok
06-May	flow	OK	yes	yes	06-May	flow	yes	yes	ok
12-May	flow	OK	yes	yes	12-May	flow	yes	yes	ok
19-May	no flow	OK	yes	yes	19-May	no flow	yes	yes	ok
26-May	no flow	OK	yes	yes	26-May	no flow	yes	yes	ok
03-Jun	no flow	OK	yes	yes	03-Jun	no flow	yes	yes	ok
09-Jun	flow	OK	yes	yes	09-Jun	flow	yes	yes	ok
16-Jun	no flow	OK	yes	yes	16-Jun	no flow	yes	yes	ok
23-Jun	no flow	OK	yes	yes	23-Jun	no flow	yes	yes	ok
30-Jun	no flow	OK	yes	yes	30-Jun	no flow	yes	yes	ok
07-Jul	flow	OK	yes	yes	07-Jul	flow	yes	yes	ok
14-Jul	flow	OK	yes	yes	14-Jul	flow	yes	yes	ok
21-Jul	flow	OK	yes	yes	21-Jul	flow	yes	yes	ok
28-Jul	no flow	OK	yes	yes	28-Jul	no flow	yes	yes	ok
05-Aug	no flow	OK	yes	yes	05-Aug	no flow	yes	yes	ok
12-Aug	no flow	OK	yes	yes	12-Aug	no flow	yes	yes	ok
18-Aug	no flow	OK	yes	yes	18-Aug	no flow	yes	yes	ok
25-Aug	flow	OK	yes	yes	25-Aug	flow	yes	yes	ok
01-Sep	no flow	OK	yes	yes	01-Sep	no flow	yes	yes	ok
09-Sep	no flow	OK	yes	yes	09-Sep	no flow	yes	yes	ok
15-Sep	no flow	OK	yes	yes	15-Sep	no flow	yes	yes	ok
22-Sep	no flow	OK	yes	yes	22-Sep	no flow	yes	yes	ok
29-Sep	flow	OK	yes	yes	29-Sep	flow	yes	yes	ok
06-Oct	flow	OK	yes	yes	06-Oct	flow	yes	yes	ok
13-Oct	flow	OK	yes	yes	13-Oct	flow	yes	yes	ok
20-Oct	fast flow ok	OK	yes	yes	20-Oct	fast flow ok	yes	yes	ok
26-Oct	fast flow ok	OK	yes	yes	26-Oct	fast flow ok	yes	yes	ok
03-Nov	fast flow ok	OK	yes	yes	03-Nov	fast flow ok	yes	yes	ok
10-Nov	flow	OK	yes	yes	10-Nov	flow	yes	yes	ok
17-Nov	fast flow ok	OK	yes	yes	17-Nov	fast flow ok	yes	yes	ok
24-Nov	no flow	OK	yes	yes	24-Nov	no flow	yes	yes	ok
01-Dec	no flow	OK	yes	yes	01-Dec	no flow	yes	yes	ok
08-Dec	flow	OK	yes	yes	08-Dec	flow	yes	yes	ok
15-Dec	no flow	OK	yes	yes	15-Dec	no flow	yes	yes	ok
22-Dec	no flow	OK	yes	yes	22-Dec	no flow	yes	yes	ok
29-Dec	no flow	OK	yes	yes	29-Dec	no flow	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

2014

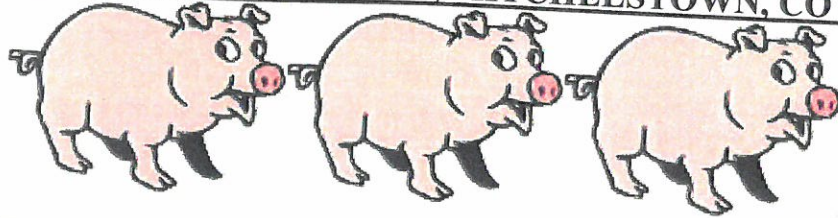
DATE	VOLUME	COLLECTED BY
06-Jan	2.94	John Dawson
13-Jan	2.58	John Dawson
20-Jan	2.96	John Dawson
27-Jan	2.9	John Dawson
03-Feb	3.16	Kevin Clifford
10-Feb	3.64	Kevin Clifford
17-Feb	3.7	Kevin Clifford
24-Feb	2.66	John Dawson
03-Mar	2.8	John Dawson
10-Mar	2.28	John Dawson
18-Mar	2.72	John Dawson
24-Mar	2.04	John Dawson
31-Mar	2.78	John Dawson
04-Apr	2.58	John Dawson
22-Apr	3.1	Kevin Clifford
28-Apr	3.62	Kevin Clifford
02-May	2.5	John Dawson
06-May	3.62	John Dawson
12-May	2.5	John Dawson
19-May	2.18	John Dawson
26-May	2.38	John Dawson
03-Jun	3.16	John Dawson
09-Jun	2.3	John Dawson
16-Jun	3.06	John Dawson
23-Jun	2.48	John Dawson
30-Jun	2.2	John Dawson
07-Jul	2.72	John Dawson
14-Jul	02-Jan	John Dawson
21-Jul	2.22	John Dawson
28-Jul	3.16	John Dawson
31-Jul	0.84	John Dawson
05-Aug	1.7	John Dawson
11-Aug	2.16	John Dawson
18-Aug	2.56	John Dawson
25-Aug	2.34	John Dawson
01-Sep	2.96	John Dawson
08-Sep	2.4	John Dawson
15-Sep	1.84	John Dawson
22-Sep	2.64	John Dawson
29-Sep	2.42	John Dawson
13-Oct	2.3	John Dawson
06-Oct	1.88	John Dawson
20-Oct	2.04	John Dawson
28-Oct	2.08	John Dawson
03-Nov	2.06	John Dawson
10-Nov	1.9	John Dawson
17-Nov	1.92	John Dawson
24-Nov	2.26	John Dawson
01-Dec	1.84	John Dawson
08-Dec	2.9	John Dawson
15-Dec	1.52	John Dawson
22-Dec	1.48	Moss Keane
29-Dec	1.96	John Dawson

SCALES BROKEN

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, DERRYNANPOOL
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**

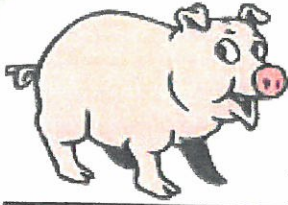
PHILIP O BRIEN: Phone: 086-8237676

*** 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”.

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

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

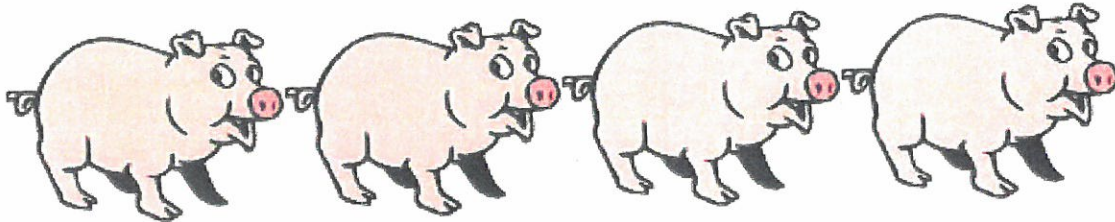
- 1. IPC License application submitted to the Agency**
- 2. All correspondence with the Agency prior to issue of License**
- 3. All correspondence with, and reports sent to the Agency, since License was issued.**
- 4. Pig manure register**
- 5. Pig manure storage capacity information**
- 6. Complaints 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
LICENSEE:...MAIREAD O'BRIEN
LOCATION:...DERRYNANOL, MITCHELSTOWN, CO CORK

FORM 2.2.1



ENVIRONMENTAL TRAINING PROCEDURE

.....

- **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.**

ATTACHMENT NO. 4

AER/PRTR SPREADSHEETS

PRTR# : P0396 | Facility Name : Mr Maurice O'Brien (Derrynanool) | Filename : P0396_2014.xls | Return Year : 2014



Environmental Protection Agency

[Guidance to completing the PRTR workbook](#)

AER Returns Workbook

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REFERENCE YEAR	2014
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1. FACILITY IDENTIFICATION

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

Classes of Activity

No.	class name
-	Refer to PRTR class activities below

Address 1	Derrynanool
Address 2	Mitchelstown
Address 3	
Address 4	
	Cork
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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[Link to previous years emissions data](#)

4.1 RELEASES TO AIR

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

POLLUTANT		RELEASES TO AIR						
No. Annex II	Name	M/C/E	Method Code	Method Used	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	44648.9	0.0
01	Methane (CH4)	C	NRB	EPA Calculation Tool		0.0	258366.8	0.0
05	Nitrous oxide (N2O)	C	NRB	EPA Calculation Tool		0.0	265.9	0.0

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

SECTION B : REMAINING PRTR POLLUTANTS

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

Mr. Maurice O'Brien (Derrynanool)

Landfill: Please enter summary data on the quantities of methane flared and / or utilised	T (Total) kg/Year	Method Used		Facility Total Capacity m3 per hour
		M/C/E	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 engines/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

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	M/C/E	Method Used		Location of Treatment	Haz.Waste: Name and Licence/Permit No of Next Destination Facility Haz.Waste: Name and Licence/Permit No of Recoverer/Disposer	Haz.Waste: Address of Next Destination Facility Non-Haz.Waste: Address of Recoverer/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)
							Method Used	Method Used					
Within the Country	02 01 02	No	130.94	animal-Hissue waste	R3	M	Weighted		Offsite in Ireland	MUNSTER PROTEINS LTD,P0040-02	CHRISTENDON,FERRYBA NK,WATERFORD,CO WATERFORD,Ireland UNIT YA ALLIED INDUSTRIAL		
Within the Country	18 02 01	No	0.036	sharps except (18 02 02)	D15	E	Volume Calculation		Offsite in Ireland	ECO SAFE SYSTEMS LTD,W0054-02	ROAD,BALLYFERMOT,DUB LIN 10,Ireland		