

ANNUAL ENVIRONMENTAL REPORT

2010

Licence Register No: P0396-01

Licensee: Maurice O' Brien

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

MARCH 2011

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;

Animal type	Stock Numbers on IPC Licence Reg. 396	Average Stock Numbers on site for 2005	Average Stock Numbers on site for 2006	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
Suckling Sows	530	523	525	518	512	341	528
Dry Sows	1870	1864	1859	1857	1859	1098	1771
Boars	20	10	11	10	10	4	4
Maiden Gilts	240	231	230	232	230	163	209
Weaners	8200	8186	8190	8191	8049	4848	5829
Finishers	12000	11612	11887	11824	11714	5033	10917

TABLE 1 Average stocking level at this site. (2005-2010)

3. SUMMARY INFORMATION

During 20, 12107 tonnes of animal feed were utilised on site, along with 34500m³ of water, in the production of pig meat. 397,385 litres of heating oil, and 1103,673 units of electricity, were also utilised in the process.

UNITS	2004	2005	2006	2007	2008	2009	2010
Tonnes of Feed	17650	14586	13407	11,083	11,144	8480	12,107
Litres of Heating Oil	383,301	362,326	346,391	264,263	326,444	258,893	397,385
Units of Electricity	1027,096	1166,122	1067,657	1164,288	1110,614	301,098	1103673
M3 of Water	45973	41449	38099	36,899	37,664	35,621	34,500

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.

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	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

TABLE 2 Summary of available pig manure storage capacity. (2000 - 2010)

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 additional customer farms added to the list of farms proposing to use pig manure from this facility, during this period.

3.4 CONTRACTORS UNDERTAKING DELIVERY OF PIG MANURE.

There were no alterations to the list 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 2010, 24,627M3 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

The Fertiliser plan for 2007 was submitted to the Agency in January 2007, and a Fertiliser plan for 2008 was submitted to the Agency in January 2008 and the Fertilizer Plan for 2009 was submitted in January, 2009.

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 the total volumes removed off site are set out hereunder.

WASTE TYPE	Pig Carcasses	Veterinary Waste	General Refuse
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

TABLE 6: Summary of waste volumes exported (2003-2010).

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 stormwater monitoring for this facility for 2009 is set out hereunder.

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

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

TABLE 6 Ambient surface water monitoring results for 2010.

2. AMBIENT GROUNDWATER MONITORING

Table 7 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

TABLE 7 Ambient groundwater monitoring results. (2007-2010)

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 2004	COD mg/l 2005	COD mg/l 2006	COD mg/l 2007	COD mg/l 2008	COD mg/l 2009	COD mg/l 2010
1 st QTR	BS1	Dry	85	41	16	27	<1.0	Dry
	BS2	Dry	117	44	16	8	<1.0	Dry
2 nd QTR	BS1	61	Dry	Dry	48	1	<1	Dry
	BS2	104	Dry	Dry	34	1	<1	Dry
3 rd QTR	BS1	448	93	49	31	22.5	<1	11
	BS2	27	74	32	14	21.5	<1	17
4 th QTR	BS1	18.9	37	15	1	7	29	<1
	BS2	19	70	67	1	1	28	<1

TABLE 8 Surface water discharge analyses. (2004-2010)

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.

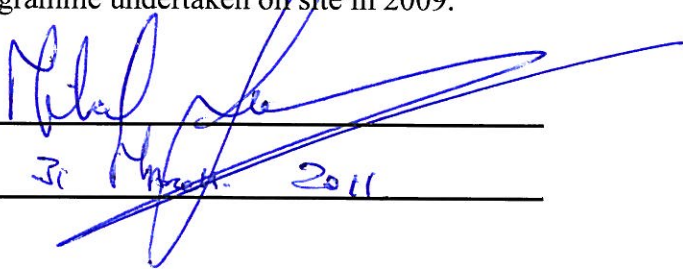
4.6 NOTIFICATION PROCEDURES

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

3rd March 2010

N.R.G.E. Ltd.
Nutrient Recovery to Generate Electricity Ltd.
Mooresfort, Lattin, Co. Tipperary.
Tel: 062 55385
VAT. No: 6412619V

ATTACHMENT NO. 1

SURFACE WATER DISCHARGE MONITORING

Storm Water Drains

2002 2009

Date	B.S.1	Comment	B.S.2	Comment	Signed
	below gilt house		near tank 3		
10/6	flow good	OK	flow good	OK	D. Kim
17/6	flow good	OK	flow good	OK	"
24/6	flow good	OK	flow good	OK	"
1/7	no flow	OK	no flow	OK	"
8/7	flow good	OK	no flow	OK	"
15/7	flow good	OK	no flow	OK	"
22/7	flow good	OK	no flow	OK	"
29/7	no flow	OK	no flow	OK	"
5/8	flow good	OK	flow good	OK	"
12/8	flow good	OK	flow good	OK	"
19/8	no flow	OK	no flow	OK	"
26/8	no flow	OK	no flow	OK	"
2/9	flow good	OK	no flow	"	"
9/9	no flow	"	no flow	"	"
16/9	no flow	"	no flow	"	"
23/9	no flow	"	no flow	"	"
30/9	no flow	"	no flow	"	"
7/10	flow	"	flow	"	"
14/10	flow	"	flow	"	"
21/10	flow	"	flow	"	"
28/10	flow	"	flow	"	"
4/11	no flow	"	no flow	"	"
11/11	flow	"	no flow	"	"
18/11	flow	"	flow	"	"
25/11	no flow	"	no flow	"	"
2/12	flow	"	flow	"	"
9/12	flow OK	"	flow OK	"	"
16/12	flow OK	OK	flow	OK	
23/12	flow	OK	flow	OK	
30/12	flow	OK	flow	OK	
6/1/10	flow	OK	flow	OK	
13/1/10	flow	OK	flow	OK	
20/1	flow	OK	flow	OK	
27/1	flow	OK	flow	OK	

2010

Storm Water Drains

2002

Date	B.S.1	Comment	B.S.2	Comment	Signed
	below gilt house		near tank 3		
3/9	no flow	OK	no flow	OK	
10/9	flow	OK	flow	OK	OK
17/9	flow	OK	flow	OK	11
24/9	flow	OK	flow	OK	
31/9	no flow	OK	flow	OK	11
10/10	no flow	OK	no flow	OK	11
17/10	no flow	OK	flow	OK	11
24/10	flow	OK	no flow	OK	11
31/10	flow	OK	flow	OK	11
7/11	flow	OK	flow	OK	11
14/11	no flow	OK	flow	OK	11
21/11	no flow	OK	no flow	OK	11
28/11	no flow	OK	no flow	OK	11
5/12	flow	OK	flow	OK	11
12/12	flow	OK	flow	OK	11
19/12	flow OK	OK	flow	OK	11
26/12	flow	OK	flow	OK	11
2/1	flow	OK	flow	OK	11
9/1	no flow	OK	no flow	OK	11
16/1	no flow	OK	no flow	OK	11
23/1	no flow	OK	no flow	OK	11
30/1	flow	OK	flow	OK	11
6/2	flow	OK	flow	OK	11
13/2	no flow	OK	flow	OK	11
20/2	flow	OK	no flow	OK	11
27/2	no flow	OK	flow	OK	11
3/3	flow	OK	no flow	OK	11
10/3	flow	OK	flow	OK	11
17/3	no flow	OK	flow	OK	11
24/3	flow	OK	no flow	OK	11
31/3	no flow	OK	flow	OK	11
7/4	flow	OK	no flow	OK	11
14/4	flow	OK	flow	OK	11
21/4	flow	OK	flow	OK	11
28/4	flow	OK	flow	OK	11
5/5	flow	OK	flow	OK	11
12/5	flow	OK	flow	OK	11
19/5	flow	OK	flow	OK	11
26/5	flow	OK	flow	OK	11
2/6	flow	OK	flow	OK	11
9/6	no flow	OK	flow	OK	11
16/6	no flow	OK	no flow	OK	11
23/6	no flow	OK	no flow	OK	11
30/6	flow	OK	no flow	OK	11
7/7	flow	OK	flow	OK	11
14/7	no flow	OK	flow	OK	11
21/7	flow	OK	no flow	OK	11
28/7	no flow	OK	flow	OK	11
3/8	flow	OK	no flow	OK	11
10/8	flow	OK	flow	OK	11
17/8	no flow	OK	flow	OK	11
24/8	flow	OK	no flow	OK	11
31/8	no flow	OK	flow	OK	11
7/9	flow	OK	no flow	OK	11
14/9	flow	OK	flow	OK	11
21/9	flow	OK	flow	OK	11
28/9	flow	OK	flow	OK	11
5/10	flow	OK	flow	OK	11

Storm Water Drains

2002

3

Date	B.S.1	Comment	B.S.2	Comment	Signed
	below gilt house		near tank 3		
29/9	Flow	OK	Flow	OK	Danis
29/9	Flow	OK	Flow	OK	
6/10	Flow	OK	Flow	OK	
13/10	Flow	OK	Flow	OK	
20/10	no flow	OK	no flow	OK	11
27/10	Flow	OK	Flow	OK	11
3/11	Flow	OK	Flow	OK	11
10/11	Flow	OK	Flow	OK	11
17/11	Flow	OK	Flow	OK	11
24/11	Flow	OK	Flow	OK	11
1/12	no flow	OK	no flow	OK	1
8/12	no flow	OK	no flow	OK	1
15/12	no flow	OK	no flow	OK	1
22/12	no flow	OK	no flow	OK	1
29/12	Flow	OK	Flow	OK	1
4/1/11	Flow	OK	Flow	OK	1
11/1	Flow	OK	Flow	OK	11
18/1	Flow	OK	Flow	OK	11
25/1	Flow	OK	Flow	OK	11
2/2	Flow	OK	Flow	OK	11
9/2	Flow	OK	Flow	OK	11
16/2	Flow	OK	Flow	OK	11
23/2	Flow	OK	Flow	OK	11
2/3	Flow	OK	Flow	OK	11
9/3	Flow	OK	Flow	OK	11
16/3	no flow	OK	no flow	OK	11
23/3	no flow	OK	no flow	OK	11
30/3	no flow	OK	no flow	OK	11
6/4	no flow	OK	no flow	OK	11
13/4					
20/4					
27/4					

2011

ATTACHMENT NO. 2

WASTE MANAGEMENT
RECORDS

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



WASTE MANAGEMENT REGISTER

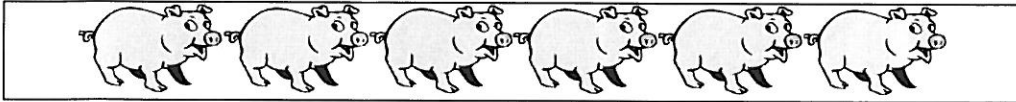
WASTE: ANIMAL CARCASSES (Code No 02 01 02)
 CONTRACTOR : FITZGERALDS KNACKERY FERMOY
 DESTINATION: MUNSTER PROTEINS WATERFORD

DATE	VOLUME	COLLECTED BY
06-Apr	2.26	MOSS KEANE
12-Apr	2.16	MOSS KEANE
19-Apr	2.32	MOSS KEANE
26-Apr	1.36	MOSS KEANE
04-May	2.98	MOSS KEANE
10-May	2.16	MOSS KEANE
17-May	2.74	MOSS KEANE
24-May	3.52	MOSS KEANE
31-May	0.74	MOSS KEANE
08-Jun	3.42	MOSS KEANE
14-Jun	3.8	MOSS KEANE
21-Jun	3.82	MOSS KEANE
28-Jun	2.94	MOSS KEANE
05-Jul	3.34	MOSS KEANE
12-Jul	5.56	MOSS KEANE
19-Jul	4.56	MOSS KEANE
26-Jul	2.86	MOSS KEANE
03-Aug	3.46	MOSS KEANE
09-Aug	2.32	MOSS KEANE
16-Aug	2.98	MOSS KEANE
23-Aug	13.5	MOSS KEANE
30-Aug	3.5	MOSS KEANE
06-Sep	3.62	MOSS KEANE
13-Sep	3.16	MOSS KEANE
20-Sep	2.6	MOSS KEANE
27-Sep	3.66	MOSS KEANE
04-Oct	5.1	MOSS KEANE
11-Oct	3.72	MOSS KEANE
18-Oct	3.92	MOSS KEANE
26-Oct	4.84	MOSS KEANE
01-Nov	2.6	MOSS KEANE
10-Nov	3.82	MOSS KEANE
15-Nov	2.65	MOSS KEANE
22-Nov	2.94	MOSS KEANE
29-Nov	4.2	MOSS KEANE
06-Dec	4.08	MOSS KEANE
13-Dec	3.82	MOSS KEANE
20-Dec	3.08	MOSS KEANE
29-Dec	5.84	MOSS KEANE
TOTAL	139.95	

IPC LICENSE REG. NO. PO0396-01

LICENSEE Mairead O'Brien

LOCATION Derrynanool, Mitchelstown, Co. Cork



WASTE MANAGEMENT REGISTER

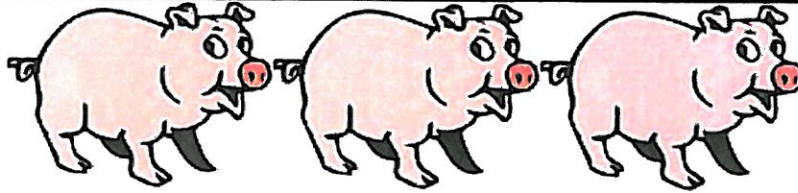
WASTE: PAPER AND CARDBOARD
CONTRACTOR: COUNTRY CLEAN
DESTINATION: CORK CO. COUNCIL LAND-FILL

DATE	VOLUME KGS	DELIVERED BY
08-Dec	250	MOSS KEANE
22-Dec	320	MOSS KEANE
08-Mar	280	MOSS KEANE
22-Mar	340	MOSS KEANE
06-Apr	290	MOSS KEANE
19-Apr	220	MOSS KEANE
04-May	390	MOSS KEANE
17-May	260	MOSS KEANE
24-May	340	MOSS KEANE
08-Jun	330	MOSS KEANE
22-Jun	390	MOSS KEANE
06-Jul	310	MOSS KEANE
21-Jul	350	MOSS KEANE
04-Aug	250	MOSS KEANE
18-Aug	300	MOSS KEANE
06-Sep	340	MOSS KEANE
20-Sep	250	MOSS KEANE
04-Oct	280	MOSS KEANE
18-Oct	350	MOSS KEANE
02-Nov	250	MOSS KEANE
16-Nov	220	MOSS KEANE
30-Nov	350	MOSS KEANE
08-Dec	350	MOSS KEANE
22-Dec	250	MOSS KEANE
05-Jan	350	MOSS KEANE
TOTAL	7610	

ATTACHMENT NO. 3

ENVIRONMENTAL OPERATING
PROCEDURES

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



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CORRECTIVE ACTION PROCEDURE

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**IN THE EVENT OF A REPORTED NON CONFORMITY,
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 CONFORMITY 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**

**MAURICE 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**

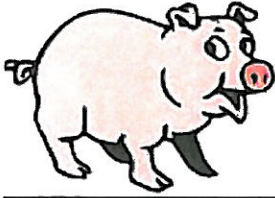
PHILIP O BRIEN: Phone: 086-8237676

*** 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”.

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

ATTACHMENT NO. 4

AER/PRTR
SPREADSHEETS



Environmental Protection Agency

Environmental Protection Agency
 Environmental Protection Agency

Guidance to completing the PRTR workbook

AER Returns Workbook

Version 1.0

REFERENCE YEAR	2010
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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	Moonesfort,
Address 3	Lattin
Address 4	Co. 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 (P0396)
AER Returns Contact Email Address	m.sweeney@nrge.ie
AER Returns Contact Position	Environmental Manager
AER Returns Contact Telephone Number	062-55385
AER Returns Contact Mobile Phone Number	
AER Returns Contact Fax Number	025 - 84727
Production Volume	0.0
Production Volume Units	
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	0
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 ?	

4.1 RELEASES TO AIR

Link to previous years emissions data

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

POLLUTANT		Please enter all quantities in this section in KGs						
No. Annex II	Name	M/C/E	Method Code	Method Used Description or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
00	Ammonia (NH3)	C	NRB	EPA Calculation Tool		0.0	43588.9	0.0
01	Methane (CH4)	C	NRB	EPA Calculation Tool		0.0	251239.9	0.0
05	Nitrous oxide (N2O)	C	NRB	EPA Calculation Tool		0.0	260.7	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		Please enter all quantities in this section in KGs						
No. Annex II	Name	M/C/E	Method Code	Method Used Description or Description	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		Please enter all quantities in this section in KGs						
Pollutant No.	Name	M/C/E	Method Code	Method Used Description or Description	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 purpose 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 '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

Mr. Maurice O'Brien

Total estimated methane generation (as per site model)	Methane flared	Methane utilised in engines	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			0.0 (Total Flaring Capacity)
0.0	0.0	0.0	0.0			0.0 (Total Utilising Capacity)

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	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	Haz Waste: Address of Next Destination Facility 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	139.95	animal-tissue waste	R3	M	Weighted	Onsite in Ireland	MUNSTER PROTEINS LTD,P0040-02	Christendom,Ferrybank,Wat erford,Co Waterford,Ireland Units 420-430,westem Industrial Estate,Naas Road,Dublin 12,Ireland		
Within the Country	18 02 01	No	0.001	sharps except(18 02 02)	D10	E	Volume Calculation	Onsite in Ireland	STERILE TECHNOLOGIES IRELAND LTD,W0055-2			