

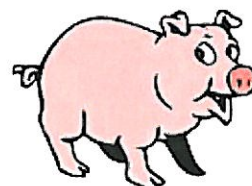
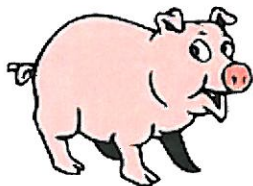
ANNUAL ENVIRONMENTAL REPORT

2010

Licence Register No: P0621-02

Licensee: Martin O'Donovan

Location of Activity: Colligboy,
Timoleague,
Bandon,
Co. Cork.



April 2011

PREPARED BY: Michael Sweeney & Associates, NRG Ltd, Mooresfort, Lattin, Co. Tipperary

TABLE OF CONTENTS

1. INTRODUCTION
2. DESCRIPTION OF SITE ACTIVITIES
3. SUMMARY INFORMATION
 - 3.1 PIG MANURE STORAGE CAPACITY
 - 3.2 PIG MANURE ANALYSES
 - 3.3 ALTERATIONS TO CUSTOMER LIST FOR PIG MANURE
 - 3.4 CONTRACTORS UNDERTAKING DELIVERY OF PIG MANURE
 - 3.5 PIG MANURE REGISTER
 - 3.6 FERTILISER PLAN
 - 3.7 WASTE NOT DESTINED FOR LANDSPREADING
 - 3.8 ENVIRONMENTAL INCIDENTS AND COMPLAINTS
 - 3.9 SELF MONITORING DATA
4. MANAGEMENT OF THE ACTIVITY
 - 4.1 CORRECTIVE ACTION
 - 4.2 AWARENESS AND TRAINING
 - 4.3 RESPONSIBILITIES
 - 4.4 COMMUNICATIONS
 - 4.5 VERMIN CONTROL
 - 4.6 NOTIFICATION PROCEDURES
5. TANK AND PIPELINE TESTING AND INSPECTION REPORT

ATTACHMENTS

- ATTACHMENT No 1.....Surface water discharge monitoring
ATTACHMENT No 2.....Waste management records
ATTACHMENT No 3.....Environmental operating procedures
ATTACHMENT No 4.....AER/PRTR Spreadsheets

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;Mr Martin O'Donovan

LICENCE REG No..... Reg No. P0621-02

LOCATION OF ACTIVITY.....Cooligboy, Timoleague, Bandon, 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 the townland of Cooligboy, Timoleague, Bandon Co Cork, approximately 270 metres from the public roadway, and at an elevation of 125m. The pig farm is about 2Km from Timoleague and is located in a wholly agricultural hinterland.

The unit has been licensed by the Environmental Protection Agency since 14th November 2003, and the operating capacity of the site is set out in Table 1 below;

Animal type	IPC REG P0621-02 Stock Numbers	Actual Stock Numbers for 2005	Actual Stock Numbers for 2006	Actual Stock Numbers for 2007	Actual Stock Numbers for 2008	Actual Stock Numbers for 2009	Actual Stock Numbers for 2010
Suckling Sows	220	210	210	215	212	189	200
Dry Sows	940	836	844	874	924	927	929
Boars	20	10	8	7	7	7	7
Maiden Gilts	170	121	138	166	137	156	151
Weaners	4600	4259	4506	4539	4587	4548	4472
Finishers	5900	4815	5616	5844	5693	5819	5828

TABLE 1 Average stocking level at this site.

3. SUMMARY INFORMATION

10982 tonnes of animal feed were utilised on site during 2010 in the production of pig meat. 561,770 units of electricity and 35,951 litres of heating oil were also utilised in the production process in 2010. These details are set out in tabular format below for comparison. (2004-2010)

Unit	2004	2005	2006	2007	2008	2009	2010
Tonnes of Feed	5956	6394	6496	7152	8512	8823	10982
Units of Electricity	308,900	616,050	416,850	401,100	486,180	504,987	561,770
Litres of Heating oil	36,300	28,540	37289	41821	44964	30114	35951

3.1 PIG MANURE STORAGE CAPACITY

The available pig manure storage capacity is recorded weekly on site, and reported bi-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, throughout the year. As a result it is proposed to formally request the Agency for permission to reduce the monitoring frequency of storage capacity to monthly.

Month	AVAILABLE STORAGE CAPACITY % 2004	AVAILABLE STORAGE CAPACITY % 2005	AVAILABLE STORAGE CAPACITY % 2006	AVAILABLE STORAGE CAPACITY % 2007	AVAILABLE STORAGE CAPACITY % 2008	AVAILABLE STORAGE CAPACITY % 2009	AVAILABLE STORAGE CAPACITY % 2010
January	41.24	57	58	47	49	57	53
February	37.82	63	58	49	53	62	56
March	60.34	61	66	49	55	68	64
April	61.7	53	72	67	66	63	69
May	75.8	51	70	74	72	69	69
June	78.3	52	79	71	72	71	66
July	75	53	83	74	74	69	66
August	74.8	42	83	74	75	70	67
September	57.8	74	83	75	76	70	63
October	64	77	82	78	78	70	62
November	71.9	70	75	72	74	65	62
December	64.5	63	66	69	65	58	54

TABLE 2 Summary of available pig manure storage capacity. (2004 - 2010)

3.2 PIG MANURE ANALYSES:

The nutrient content of pig manure from this unit is currently calculated in line with Table 7, page 37, of S.I. No 610 of 2010.

3.3 ALTERATIONS TO CUSTOMERS FOR PIG MANURE

There were six new customer farmers added to the customer list during 2010, and notified to the Agency under cover letter dated 26th July 2010.

3.4 CONTRACTORS UNDERTAKING DELIVERY OF PIG MANURE.

There were no alterations to the contractors undertaking delivery of pig manure during this period. Pig manure from this farm is collected by customer farmers for utilisation as fertiliser on their own lands.

3.5 PIG MANURE 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. 13650 M3 of pig manure was delivered to customer farms during 2010, for use as a fertiliser, on agricultural crops.

3.6 FERTILISER PLAN

The fertiliser plan for 2010 was submitted to the Agency on 26th January 2010, and a letter of approval was issued by the Agency dated 3 February 2010. A supplementary NMP report was submitted to the Agency on 26 July 2010, which added six new farms, and made alterations to two existing customer farms, and a letter of approval was issued by the Agency on 25 August in respect of same.

3.7 WASTE NOT DESTINED FOR LANDSPREADING

The waste management records for waste not destined for landspreading are included as Attachment No 2 and summarised in Table 5 hereunder;

Waste Type	EWC Code	Total Volume 2004	Total Volume 2005	Total Volume 2006	Total Volume 2007	Total Volume 2008	Total Volume 2009	Total Volume 2010
Pig Carcasses	02 01 02	34.5 Tonnes	39.72 Tonnes	43.35 Tonnes	41.6 Tonnes	61.61 Tonnes	64.07 Tonnes	61.1 Tonnes
Veterinary Waste	18 02 02*	2 Kgs	2.5 Kgs	6.5 Kgs	4 Kgs	20 Kgs	20 Kgs	4 Kgs
General Refuse	20 03 01	10.4 Tonnes	10.2 Tonnes	6.8 Tonnes	6.4 Tonnes	4.1 Tonnes	1.3 Tonnes	1.5 Tonnes
Fluorescent Tubes	20 01 21*		50 Tubes	66 Tubes	112 Tubes	Nil	145 Tubes	Nil

TABLE 5: Wastes exported during 2004-2010.

3.8 ENVIRONMENTAL INCIDENTS AND COMPLAINTS

There were a number of complaints regarding this facility made during this reporting period. These complaints were received via the Agency, and all originated from one neighbour, Mr PJ O Donovan, who is a brother to the licensee Mr Martin O Donovan. Immediately these complaints were received, all other stakeholders were contacted, to determine if others had detected odours. It is worthy of note that some of these stakeholders reside closer to the facility than the complainant.

DATE	NATURE OF COMPLAINT	NAME OF COMPLAINANT	CORRECTIVE ACTION
06/10/10	Complainant's correspondence issued to Agency dated 16 June 2010, and 30 September 2010, forwarded to licensee, under cover letter dated 06 Oct 2010. Issues raised regarding farm boundaries, and use of land for recovery of pig manure.	PJ O Donovan	A number of submissions were made to the Agency dated 26 th July 2010, and 2 September 2010, which clarified the farm boundary issue.

13/10/10	Odour from the piggery was very bad over the previous three nights and mornings. Odours often bad at night. On Sunday nights in particular. Odour terrible around Timoleague village on last weekend in September. Mr PJ O Donovan also referenced that dogs were depositing piglets on his lands.	PJ O Donovan	Response Issued to the Agency 26 October 2010. There were no unusual circumstances during the referenced date and times. All other stakeholders in the area were contacted, and no odours were detected at referenced times.
23/11/10	Very strong smell from piggery in the morning and again at 8pm	PJ O Donovan	Response issued to Agency 25 November 2010. There were no unusual circumstances during the referenced date and times.

3.9 SELF MONITORING DATA

1. SURFACE WATER DISCHARGE MONITORING

The surface water discharge point at the south east boundary of the site (SW1) is visually inspected weekly, (a copy of this register is included in Attachment No 1), and sampled quarterly. Table 6 below shows the results obtained for surface water discharge analyses. These samples were analysed for COD and results are shown as mg/l.

YEAR	1 st Quarter	2 nd Quarter	3 rd Quarter	4 th Quarter
2004	19	14	35	18
2005	<1	<1	5	Dry
2006	<1	<1	<1	<1
2007	Dry	20	Dry	17
2008	1	<1	<1	16.2
2009	<1	5	7	<1
2010	<1	Dry	Dry	Dry

TABLE 6 Surface water discharge analyses.

A submission was made to the Agency under cover dated 7 October 2010, requesting permission to construct a new storm water monitoring point to the south of the facility. On the 10 December the Agency responded to advise that it had amended the existing license Reg No P0621-01 under Section 96(i) (C) of the EPA Acts 1992 to 2007, to approve this proposed monitoring point. This new monitoring point at the south of the site (SW2) will be visually inspected weekly, and sampled quarterly. The results obtained for surface water discharge analyses will be presented in future AER reports. These samples will be analysed for COD and results will be shown as mg/l.

2. GROUNDWATER MONITORING

There are two wells on site one up-gradient and one down-gradient of the site. Table 7 below sets out the results of analyses for 2005-2010.

Parameter	GW1					May 2010
	May 2005	Aug 2006	Oct 2007	June 2008	June 2009	
Ammonia	<0.01	0.01	0.04	0.02	0.05	0
Nitrate-N	11.3	8.8	11.9	1.32	10.5	10.9
Faecal Coliform	Nil	Nil	Nil	9	0	0

Parameter	GW2					May 2010
	May 2005	Aug 2006	Oct 2007	June 2008	2009	
Ammonia	<0.01	0.01	0.07	0.01	0.46	0
Nitrate-N	9.0	11.9	11.5	<1	10.8	10.9
Faecal Coliform	Nil	Nil	Nil	9	0	0

4. MANAGEMENT OF THE ACTIVITY

This pig farm was inspected by the Agency on 13th May 2010, in an announced inspection, and a resultant report was issued by the Agency on 17/05/10.

There were four Non Compliances issued with this report

Agency Ref	Date of Issue	Non Compliance	Response	Date Closed out
P0621-02/nc06ld	17/05/10	The piggery consists of a number of new and recently built housing units. The new units (numbered 4A, 11A, 17 and 18) have been fitted with a leak detection system. Design details were not submitted to and agreed with the Agency prior to installation.	On 19 th June correspondence was issued to the Agency, committing to the submission of an engineer's report in respect of these houses, on or before end on July 2010. This report was submitted to the Agency on 12 th July 2010.	12 July 2010
P0621-02/nc06ld	17/05/10	Two carcass skips were located to the south of the facility. One was full with the lid open. The second was closed and locked, but a significant gap noted at the rear of the skip, and therefore cannot be deemed leak proof.	Immediately following the site visit of the 13th May, 2010, an Order was placed with the Carcass Removal Contractor for this Unit, to provide a new larger carcass skip (leak-proof and covered), with capacity greater than the combined total of the two existing skips. This new skip was delivered to the site on the 25th May, 2010 and has been in use since. The area	25 th May 2010

			around the carcass skip is maintained in a clean, and tidy manner.	
P0621-02/nc06ld	17/05/10	A method for the assessment of tanks on site, in particular underground slurry tanks not fitted with leak detection systems, has not yet been agreed with the Agency.	A further proposal was submitted under cover dated 12 July 2010 in respect of a Tank and Pipeline Assessment proposal. This report has been prepared by NRG Ltd, in association with GES Ltd, on foot of a discussion that took place with agency personnel at a meeting on the 21st January, 2010.	12 July 2010
P0621-02/nc06ld	17/05/10	The slurry register and veterinary waste records were not available on site for inspection.	On 19 th June correspondence was issued to the Agency wherein it stated that all waste management records are now available on site for inspection during normal working hours	19 June 2010

This pig farm was inspected again by the Agency on 21st May 2010, in an announced inspection, and a resultant report was issued by the Agency on 24/05/10. There were two Non Compliances issued with this report

Agency Ref	Date of Issue	Non Compliance	Response	Date Closed out
P0621-02/nc07ld	24/05/10	There are no water meters currently installed on water supplies serving the unit. A water meter was tried in the past but it kept clogging, as a result there are no water usage records available on site.	On 15 June 2010 a submission was made to the Agency wherein it stated that Water meters have been installed on the 2 main water supplies for the unit. AGW2 and AGW4, which are both located within the site boundary. A reading will be taken regularly from these meters, and record of these readings will be maintained on site, for future inspection, and for reference in future reports.	15 June 2010
P0621-02/nc07ld	24/05/10	There is no procedure for operation of sluice gates on site	On 15 June 2010 a submission was made to the Agency wherein it stated that A Procedure has been put in place to comply with condition 7.8, for the operation and maintenance of sluice gates to manage slurry/digestate storage and removal on site. A copy of this Procedure was submitted to the Agency for approval.	15 June 2010

4.1 CORRECTIVE ACTION PROCEDURES

A copy of the corrective action procedure for this site is included as Attachment No 3. This farm was not inspected by the Agency 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 at this site by on site staff. A register is maintained of these visits. A copy of this register is included in Attachment No 3.

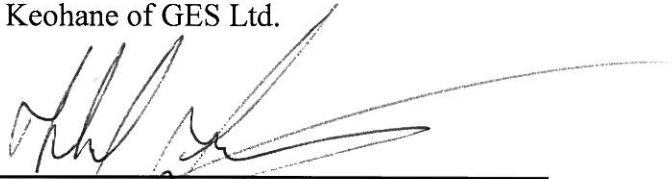
4.6 NOTIFICATION PROCEDURES

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

5. TANK AND PIPELINE TESTING AND INSPECTION REPORT

An updated tank and pipeline inspection proposal was submitted to the Agency on 12th July 2010. This proposal was prepared in consultation with Mr Michael McEniry, and Mr Jer Keohane of GES Ltd.

SIGNED



DATE

22 April 2011

N.R.G.E. Ltd.
Nutrient Recovery to Generate Electricity Ltd.
Mooresfort, Lattin, Co. Tipperary.
Tel: 062 55305
VAT. No: 6412619V

ATTACHMENT NO. 1

SURFACE WATER DISCHARGE
MONITORING

REG. NO. :- 621

LICENCEE :- MARTIN DONOVAN

LOCATION :- COLLIGBOY, TIMOLEAGUE, CO. CORK

REGISTER OF DAILY VISUAL INSPECTION OF STORMWATER MONITORING POINTS

2009

DATE	NAME	COMMENT
4-10	ADW	Dry
14-10	ADW	Dry
21-10	ADW	Slight flow - Clear
28-10	ADW	Dry
9-11	ADW	Dry
16-11	ADW	Dry
23-11	ADW	Strong flow - Clear
30-11	ADW	Strong flow - Clear
7-12	ADW	Slight flow - Clear
14-12	ADW	Dry
21-12	ADW	Dry
2010 5-1	ADW	Dry
12-1	ADW	Strong flow Clear
19-1	ADW	Strong flow Clear
26-1	ADW	Dry
2-2	ADW	Dry
9-2	ADW	Dry
16-2	ADW	Slight flow - Clear
23-2	ADW	Slight flow - Clear
2-3	ADW	Dry
9-3	ADW	Dry
16-3	ADW	Dry
23-3	ADW	Dry
30-3	ADW	Slight flow - Dry

REG. NO. :- 621

LICENCEE :- MARTIN DONOVAN
LOCATION :- COLLIGBOY, TIMOLEAGUE, CO. CORK

REGISTER OF DAILY VISUAL INSPECTION OF STORMWATER MONITORING POINTS

2010

DATE	NAME	COMMENT
14-4	ADW	Dry
21-4	ADW	Slight flow - Clear
28-4	ADW	Slight flow - Clear
4-5	ADW	Dry
11-5	ADW	Dry
18-5	ADW	Slight flow - Clear
25-5	ADW	Clear
1-6	ADW	Clear
9-6	ADW	Slight flow - Clear
16-6	ADW	Heavy flow - Clear
23-6	ADW	Clear
30-6	ADW	Dry
7-7	ADW	Dry
14-7	ADW	Dry
21-7	ADW	Dry
28-7	ADW	Dry
4-8	ADW	Dry
11-8	ADW	Dry
18-8	ADW	Slight flow - Clear
25-8	ADW	Clear
2-9	ADW	Dry
9-9	ADW	Dry
16-9	ADW	Dry
23-9	ADW	Dry
30-9	ADW	Dry
7-10	ADW	Dry
14-10	ADW	Dry

REG. NO. :- 621

LICENCEE :- MARTIN DONOVAN

LOCATION :- COLLIGBOY, TIMOLEAGUE, CO. CORK

REGISTER OF DAILY VISUAL INSPECTION OF STORMWATER MONITORING POINTS

2010

DATE	NAME	COMMENT
6-10	AOD	Clear/Dry
13-10	AOD	Clear/Dry
20-10	AOD	Clear/Dry
27-10	AOD	Slight flow Clear
3-11	AOD	Strong flow - Clear
10-11	AOD	Slight Flow - Clear
15-11	AOD	Clear - Dry
23-11	AOD	Clear - Dry
30-11	AOD	Strong flow - Clear
7-12	AOD	Clear - Dry
14-12	AOD	Clear - Dry
21-12	AOD	Slight Flow - Clear
29-12	AOD	Dry -
6-1	AOD	Slight flow - Clear
13-1	AOD	Dry
20-1	AOD	Dry
27-1	AOD	Dry
4-2	AOD	Slight flow - Clear
11-2	AOD	Strong flow - Clear
18-2	AOD	Slight flow - Clear
25-2	AOD	Slight flow - Clear
2-3	AOD	Dry
9-3	AOD	Dry
16-3	AOD	Dry
23-3	AOD	Dry

2011

ATTACHMENT NO. 2

WASTE MANAGEMENT RECORDS

ATTACHMENT NO. 3

ENVIRONMENTAL OPERATING PROCEDURES

PUBLIC INFORMATION PROGRAMME

CONDITION No 2.4.1, of IPC Licence Reg No P0621-02
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”.

MR MARTIN O'DONOVAN (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 023-46044

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: _____
MR MARTIN O'DONOVAN

MARTIN O DONOVAN PIG FARM
COOLIGBOY, TIMOLEAGUE BANDON, CO CORK
IPC LICENCE REG NO P0621-02

EMERGENCY RESPONSE PROCEDURE
IMMEDIATELY CONTACT
MARTIN O DONOVAN 086-8328015

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
During Office Hrs Phone : 021-4875540 Fax : 021-4875545
Outside Office Hrs Phone : 053-60600 Fax : 021-4875545
2. NOTIFY CORK COUNTY COUNCIL
During Office Hrs Phone : 021-4532700 Fax : 021-4532727
Outside Office Hrs Phone: 021-4821433 Fax : 021-4532727
3. NOTIFY THE SOUTHERN REGIONAL FISHERIES BOARD
Phone : 026-41221 Fax : 026-41233

* IF JCB's or Excavating machinery are required make contact with
DERRY O DONOVAN Phone: 087-2680775
GER McCARTHY Phone: 087-2649004

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

MARTIN O DONOVAN Phone: 086-8328015
LARRY O LEAMY Phone: 023-46298

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

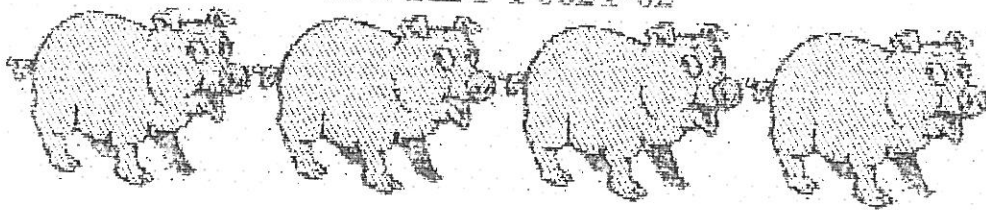
TONY O MAHONY Phone: 087-2592840

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

IDS Phone: 0502-21224

Doctor Sean Murry; 023-36386
FIRE BRIGADE; 999
GARDA; 023-41145

MARTIN O DONOVAN PIG FARM
 COOLIGBOY TIMOLEAGUE, BANDON, CO CORK
 IPC REG P0621-02

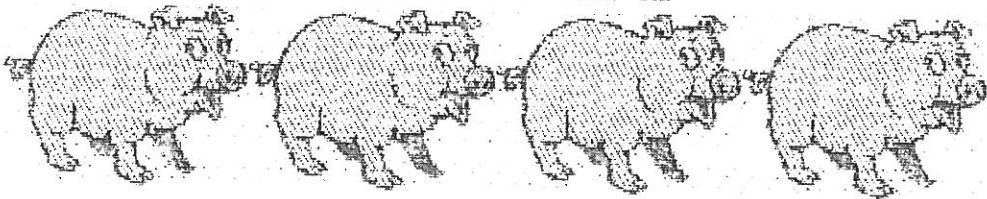


VERMIN CONTROL REGISTER

2009

DATE	COMMENT	SIGNED
6-11	All Clear	AOW
13-11	All Clear	AOW
20-11	All Clear	AOW
27-11	Poison laid A, J, K, L	AOW
4-12	Poison laid M, N	AOW
11-12	Poison laid B, J, K	AOW
18-12	All Clear	AOW
23-12	All Clear	AOW
30-12	All Clear	AOW
9-1	Poison laid J, N, P	AOW
16-1	Poison laid C, D, M	AOW
23-1	All Clear	AOW
30-1	All Clear	AOW
6-2	All Clear	AOW
13-2	All Clear	AOW
20-2	Poison laid E, H, J, P	AOW
27-2	Poison laid A, W	AOW
6-3	Poison laid O, P, X, Y	AOW
13-3	All Clear	AOW
20-3	All Clear	AOW
27-3	All Clear	AOW
3-4	All Clear	AOW
10-4	All Clear	AOW
17-4	All Clear	AOW

MARTIN O DONOVAN PIG FARM
 COOLIGBOY TIMOLEAGUE, BANDON, CO CORK
 IPC REG P0621-02

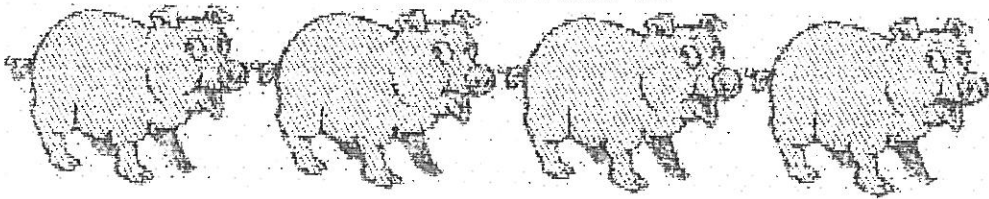


VERMIN CONTROL REGISTER

2010

DATE	COMMENT	SIGNED
3-5	All clear	AON
10-5	All clear	AON
18-5	All clear	AON
25-5	All clear	AON
2-6	Poison laid A, D, G, F.	AON
9-6	Poison laid B, E, H, I.	AON
16-6	Poison laid J, M, N, O, P.	AON
22-6	All clear	AON
29-6	All clear	AON
5-7	All clear	AON
13-7	Poison laid K, O, M, A, D.	AON
20-7	Poison laid B, C, D, E.	AON
27-7	Poison laid G, H, J, K, L.	AON
4-8	All clear	AON
11-8	All clear	AON
18-8	All clear	AON
25-8	All clear	AON
1-9	All clear	AON
8-9	Poison laid G, H, I, J.	AON
15-9	Poison laid M, N, O, P.	AON
22-9	Poison laid A, D, J, K.	AON
29-9	All clear	AON
6-10	All clear	AON
13-10	All clear	AON

MARTIN O DONOVAN PIG FARM
 COOLIGBOY TIMOLEAGUE, BANDON, CO CORK
 IPC REG P0621-02



VERMIN CONTROL REGISTER

2010

DATE	COMMENT	SIGNED
20-10	All Clear	ADW
28-10	All Clear	ADW
3-11	Poison land A, D, E, F	ADW
10-11	Poison land B, M, O, P	ADW
17-11	Poison land A, D, S, C	ADW
24-11	Poison land B, J, S, F	ADW
30-11	Clear	ADW
7-11	Clear	ADW
14-11	Clear	ADW
21-11	Poison land M, N, O, P	ADW
3-11	Poison land A, O, P, T, K	ADW
10-11	Clear	ADW
18-11	Clear	ADW
25-11	Clear	ADW
2-12	Poison land A, S, G, F, M	ADW
9-12	Clear	ADW
16-12	Clear	ADW
23-12	Poison land B, S, G, M, N, O	ADW
30-12	Poison land D, S, O, P	ADW
4-1	Clear	ADW
11-1	Clear	ADW
18-1	Clear	ADW
25-1	Poison land B, M, O, P	ADW
2-2	Poison land A, D, E, F	ADW
9-2	Clear	ADW

ATTACHMENT NO. 4

AER/PRTR SPREADSHEETS



AER Returns Workbook

REFERENCE YEAR	2010
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1. FACILITY IDENTIFICATION

Parent Company Name	Mr Martin O'Donovan
Facility Name	Mr Martin O'Donovan
PRTR Identification Number	P0621
Licence Number	P0621-02

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.
6.2	with 750 places for sows

Address 1	c/o Mr. Michael Sweeney
Address 2	M.S. Farm Services
Address 3	Moosesfort, Lattin
Address 4	County Tipperary
Country	Ireland
Coordinates of Location	-8.78530 51.6455
River Basin District	IESW
NACE Code	0146
Main Economic Activity	Raising of swine/pigs
AER Returns Contact Name	Martin ODonovan
AER Returns Contact Email Address	m.sweeney@nrge.ie
AER Returns Contact Position	Owner
AER Returns Contact Telephone Number	023-46044
AER Returns Contact Mobile Phone Number	
AER Returns Contact Fax Number	
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

No	Annex II	POLLUTANT	RELEASES TO AIR				Please enter all quantities in this section in KGs				
			MIC/E	Method Code	Method Used	Description or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year	
06		Ammonia (NH3)	C	NRB	EPA Calculation Tool		24088.4	0.0	24088.4	0.0	24088.4
01		Methane (CH4)	C	NRB	EPA Calculation Tool		144250.8	0.0	144250.8	0.0	144250.8
05		Nitrous oxide (N2O)	C	NRB	EPA Calculation Tool		0.0	0.0	0.0	0.0	143.2

SECTION B - REMAINING PRTR POLLUTANTS

No	Annex II	POLLUTANT	RELEASES TO AIR				Please enter all quantities in this section in KGs				
			MIC/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	0.0	0.0

SECTION C - REMAINING POLLUTANT EMISSIONS (As required in your Licence)

Pollutant No	Name	RELEASES TO AIR				Please enter all quantities in this section in KGs				
		MIC/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	0.0

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 '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	Method Used		Facility Total Capacity ms per hour
			MIC/E	Method Code	
M Martin O Donovan	Total estimated methane generation (as per site model)	0.0			N/A
	Methane flared	0.0			0.0
	Methane utilised in engines	0.0			0.0
	Net methane emission (as reported in Section A above)	0.0			0.0

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

Please enter all quantities in 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 Receiver/Disposer	Haz. Waste Destination Facility Non-Haz. Waste Address of Receiver/Disposer	Name and License / Permit No. and Address of Final Recycler / 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	61.1	animal-issue waste	R3	M	Weighted	Onsite in Ireland	MUNSTER PROTEINS LTD.P0940-02	Christendon,Ferrybank,Wat erford,Co.Waterford,Ireland Units 420-430,Beech Road,Western Industrial Estate,Dublin 12,Ireland		
Within the Country	18 02 01	No	0.0004	sharps except (18 02 02)	D10	E	Volume Calculation	Onsite in Ireland	STERILE TECHNOLOGIES IRL LTD.W0055-02			