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NIAMH O'CARROLL,
OFFICE OF ENVIRONMENTAL ENFORCEMENT
SOUTH/SOUTH WEST REGION
ENVIRONMENTAL PROTECTION AGENCY
INNISCARRA
CO CORK

24th Nov. 2009

RE: AER 2008 REPORT FOR IPC REG No PO 621-02

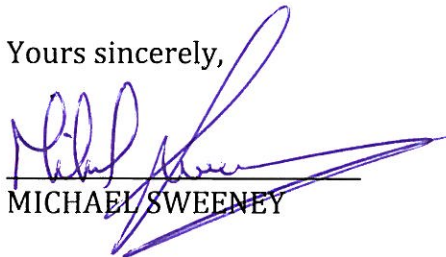
Dear Niamh,

On behalf of my client Mr Martin O Donovan, of Cooligboy, Timoleague, Bandon Co Cork, I herein submit the Annual Environmental Report for 2008 (AER 2008), which has been prepared for this site in compliance with the requirements of the conditions of this licence.

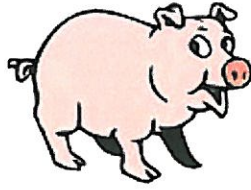
This report also includes a full copy of the AER/PRTR spreadsheets, previously submitted electronically to the Agency, in accordance with relevant regulatory requirements.

I attach one original and two copies for your files. If you should require any further information in respect of this matter, please give me a call.

Yours sincerely,


MICHAEL SWEENEY

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



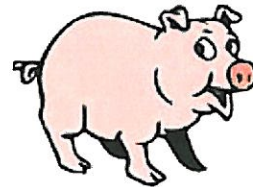
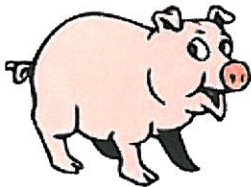
ANNUAL ENVIRONMENTAL REPORT

2008

Licence Register No: P0621-02

Licensee: Martin O'Donovan

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



NOVEMBER 2009

PREPARED BY: Michael Sweeney & Associates, NRG E Ltd, 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;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
Suckling Sows	220	210	210	215	212
Dry Sows	940	836	844	874	924
Boars	20	10	8	7	7
Maiden Gilts	170	121	138	166	137
Weaners	4600	4259	4506	4539	4587
Finishers	5900	4815	5616	5844	5693

TABLE 1 Average stocking level at this site.

3. SUMMARY INFORMATION

8512 tonnes of animal feed were utilised on site during 2008 in the production of pig meat. 486,180 units of electricity and 44,964 litres of heating oil were also utilised in the production process in 2008. These details are set out in tabular format below for comparison with 2005, 2006 and 2007 figures.

Unit	2004	2005	2006	2007	2008
Tonnes of Feed	5956	6394	6496	7152	8512
Units of Electricity	308,900	616,050	416,850	401,100	486,180
Litres of Heating oil	36,300	28,540	37289	41821	44964

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
January	41.24	57	58	47	49
February	37.82	63	58	49	53
March	60.34	61	66	49	55
April	61.7	53	72	67	66
May	75.8	51	70	74	72
June	78.3	52	79	71	72
July	75	53	83	74	74
August	74.8	42	83	74	75
September	57.8	74	83	75	76
October	64	77	82	78	78
November	71.9	70	75	72	74
December	64.5	63	66	69	65

TABLE 2 Summary of available pig manure storage capacity. (2004 - 2008)

3.2 PIG MANURE ANALYSES:

The following table shows the results of the 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 378 of 2006.

DATE	LOCATION	IPC code	% DM	Total N	Total P	Total K
2004	Fat Hse 9	P0621-02	3.1	2.74	7.65ppm	11.4
2006	Fat Hse 9	P0621-02	3.2	3.7	1.7%	6.3%

TABLE 3 Pig manure analyses.

3.3 ALTERATIONS TO CUSTOMERS FOR PIG MANURE

There were no alterations to the list of customer farms during this period

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. 12803 M3 of pig manure was delivered to customer farms during 2008, for use as a fertiliser, on agricultural crops.

3.6 FERTILISER PLAN

The fertiliser plan for 2005 was submitted in 27th January 2005. The fertiliser plan for 2006 was submitted January 2006 and the plan for 2007 was submitted on 16 Feb., 2007. The fertilizer plan for 2008, was submitted to the Agency in January 2008.

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
Pig Carcasses	02 01 02	34.5 Tonnes	39.72 Tonnes	43.35 Tonnes	41.6 Tonnes	61.61 Tonnes
Veterinary Waste	18 02 02*	2 Kgs	2.5 Kgs	6.5 Kgs	4 Kgs	20 Kgs
General Refuse	20 03 01	10.4 Tonnes	10.2 Tonnes	6.8 Tonnes	6.4 Tonnes	4.1 Tonnes
Fluorescent Tubes	20 01 21*		50 Tubes	66 Tubes	112 Tubes	Nil

TABLE 5: Wastes exported during 2004-2008.

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. SURFACE WATER DISCHARGE MONITORING

The surface water discharge point at the south east boundary of the site 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

TABLE 6 Surface water discharge analyses.

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 2005-2008.

Parameter	GW1 May				GW2			
	May 2005	Aug 2006	Oct 2007	June 2008	May 2005	Aug 2006	Oct 2007	June 2008
Ammonia	<0.01	0.01	0.04	0.02	<0.01	0.01	0.07	0.01
Nitrate-N	11.3	8.8	11.9	1.32	9.0	11.9	11.5	<1
Faecal Coliform	Nil	Nil	Nil	9	Nil	Nil	Nil	9

4. MANAGEMENT OF THE ACTIVITY

3.8 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.

3.9 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.

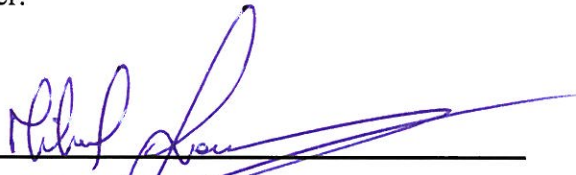
4.6 NOTIFICATION PROCEDURES

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

5. TANK AND PIPELINE TESTING AND INSPECTION REPORT

A tank and pipeline inspection proposal including the leak detection systems already proposed and in some cases installed was included in Attachment 5 of the 2005 AER. This proposal is currently being updated and will be submitted under separate cover.

SIGNED



DATE

Nov 2009

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

REG. NO. :- 621

LICENCEE :- MARTIN DONOVAN

LOCATION :- COLLIGBOY, TIMOLEAGUE, CO. CORK

REGISTER OF DAILY VISUAL INSPECTION OF STORMWATER MONITORING POINTS

2008

DATE NAME COMMENT

12-11 AED Strong flow clear -

19-11 AED Strong flow clear -

26-11 AED Slight flow clear -

3-12 AED Dry - clear -

10-12 AED Dry - clear -

17-12 AED Strong flow - clear -

24-12 AED Strong flow - clear -

31-12 AED Slight flow - clear -

2009 - 7-1 AED Dry - clear -

14-1 AED Dry - clear -

21-1 AED Strong flow - clear -

28-1 AED Slight flow clear -

4-2 AED Strong flow - clear -

11-2 AED Dry - clear -

18-2 AED Slight flow clear -

25-2 AED Strong flow - clear -

4-3 AED Strong flow - clear -

11-3 AED Strong flow - clear -

18-3 AED Dry -

25-3 AED Slight flow -

2-4 AED Slight flow - clear -

9-4 AED Slight flow - clear -

16-4 AED Strong flow - clear -

23-4 AED Strong flow - clear -

REG. NO. :- 621

LICENCEE :- MARTIN DONOVAN

LOCATION :- COLLIGBOY, TIMOLEAGUE, CO. CORK

REGISTER OF DAILY VISUAL INSPECTION OF STORMWATER MONITORING POINTS

2008

DATE	NAME	COMMENT
6-5	ADW	Dry
13-5	ADW	Dry
20-5	ADW	Slight Flow - Clear
27-5	ADW	Dry
3-6	ADW	Dry
10-6	ADW	Dry
17-6	ADW	Dry
24-6	ADW	Slight Flow - Clear
1-7	ADW	Slight Flow - Clear
8-7	ADW	Dry
15-7	ADW	Dry
22-7	ADW	Slight Flow - Clear
29-7	ADW	Slight Flow - Clear
5-8	ADW	Dry
12-8	ADW	Slight Flow - Clear
19-8	ADW	Slight Flow - Clear
26-8	ADW	Dry
2-9	ADW	Dry
9-9	ADW	Dry
16-9	ADW	Slight Flow - Clear
23-9	ADW	Dry
30-9	ADW	Dry
4-10	ADW	Dry
11-10	ADW	Dry
18-10	ADW	Dry
25-10	ADW	Dry

REG. NO. :- 621

LICENCEE :- MARTIN DONOVAN

LOCATION :- COLLIGBOY, TIMOLEAGUE, CO. CORK

REGISTER OF DAILY VISUAL INSPECTION OF STORMWATER MONITORING POINTS

2008

DATE NAME COMMENT

4-11	ADD	Slight flow - Clear
11-11	ADD	Slight flow - Clear
18-11	ADD	Dry
25-11	ADD	Dry
2-12	ADD	Slight flow - Clear
9-12	ADD	Slight flow - Clear
16-12	ADD	Dry
23-12	ADD	Dry
30-12	ADD	Dry

2009

5-10	ADD	Slight flow - Clear
12-10	ADD	Slight flow - Clear
19-10	ADD	Dry
26-10	ADD	Strong flow - Clear
2-11	ADD	Strong flow - Clear
9-11	ADD	Dry
16-11	ADD	Dry
23-11	ADD	Dry
30-11	ADD	Slight flow - Clear
7-12	ADD	Strong flow - Clear
14-12	ADD	Dry
21-12	ADD	Dry
28-12	ADD	Dry
4-1	ADD	Slight flow - Clear
11-1	ADD	Strong flow - Clear
18-1	ADD	Dry
25-1	ADD	Dry
1-2	ADD	Slight flow - Clear
8-2	ADD	Strong flow - Clear
15-2	ADD	Dry
22-2	ADD	Dry
1-3	ADD	Slight flow - Clear
8-3	ADD	Strong flow - Clear
15-3	ADD	Dry
22-3	ADD	Dry
29-3	ADD	Dry
5-4	ADD	Slight flow - Clear
12-4	ADD	Strong flow - Clear
19-4	ADD	Dry
26-4	ADD	Dry

ATTACHMENT NO. 2

WASTE MANAGEMENT RECORDS

REG. NO. 621

LICENCEE : MARTIN O'DONOVAN

LOCATION : COLLIGBOY
TIMOLEAGUE
CO. CORK

2008

WASTE MANAGEMENT REGISTER

WASTE : Animal Carcasses (Code 020 102)
 CONTRACTOR: Clonmel Fats Ltd.
 DESTINATION: Premier Proteins, Ballinasloe, Co. Galway

DATE	VOLUME	COLLECTED BY
7-1-08	1.4	Molloy
21-1-08	3.46	"
4-2-08	2.57	"
21-2-08	2.5	"
3-3-08	2.5	"
18-3-08	2.0	"
31-3-08	2.9	"
14-4-08	3.2	"
28-4-08	2.5	"
12-5-08	2.5	"
26-5-08	2.5	"
9-6-08	2.0	"
21-6-08	2.5	"
4-7-08	2.5	"
22-7-08	2.24	"
5-8-08	2.0	"
28-8-08	2.87	"
1-9-08	3.2	"
15-9-08	3.75	"
29-9-08	1.5	"
13-10-08	3.5	"
28-10-08	1.5	"
12-11-08		"
24-11-08		"
7-12-08		"
22-12-08		"

REG No 621

LICENCEE: MARTIN O DONOVAN

LOCATION: COOLIGBOY
TIMOLEAGUE
BANDON Co CORK

WASTE MANAGEMENT REGISTER

WASTE: Veterinary Waste
CONTRACTOR: Rentokill Initial
DESTINATION: Sterile Technologies Irl Ltd

DATE	VOLUME	COLLECTED BY
10-10-02	2.5 kgs.	Rose Cunningham
18-12-03	4 kgs	Paul Bristow
May-04	2 kgs	Paul Bristow
4 May 05	2.5 kgs	Paul Bristow
7-4-06	6.5 lbs	Paul Bristow
30-1-07	6 lbs.	Paul Bristow.
30-11-07	6 lbs.	
19-05-08	10 TR	
06-10-08	10 LTR	

no 2008
Register for
Fluorescent Tubes

ATTACHMENT NO. 3

ENVIRONMENTAL OPERATING PROCEDURES

IPC LICENSEE REG NO. P0621-02
LICENSEE MARTIN O'DONOVAN
LOCATION COLLIGBOY, TIMOLEAGUE, BANDON,
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 THE NON COMFORMITY WITH THE SPECIFIED REQUIREMENTS**
- 3. IMPLEMENT PREVENTITIVE ACTIONS TO A LEVEL CORRESPONDING TO THE RISK ENCOUNTERED**
- 4. APPLY CONTROLS TO ENSURE THAT CORRECTIVE 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**

**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

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

IPC LICENCE REG No P0621-02

FORM 2.2.1

LICENSEE:...MARTIN O DONOVAN

LOCATION:...COOLIGBOY, TIMOLEAGUE, BANDON CO CORK

.....

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 JOBS 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



Environmental Protection Agency

| PRTR# : P0621 | Facility Name : Mr Martin O'Donovan | Filename : P0621_2008(1).xls | Return Year : 2008 |

AER Returns Worksheet

Version 1.1.07

REFERENCE YEAR	2008
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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	Mooresfort, Lattin
Address 4	County Tipperary
Country	Ireland
Coordinates of Location	-8.78593 51.646
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 ?	
---	--

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS													
RELEASES TO AIR													
No. Annex II	Pollutant	Name	M/C/E	METHOD			QUANTITY						
				Method Code	Designation or Description	Method Used	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year	
06	Ammonia (NH3)		C	NRB	EPA Calculation Tool	0.0	23949.7	0.0	0.0	0.0	23949.7	0.0	0.0
01	Methane (CH4)		C	NRB	EPA Calculation Tool	0.0	143453.2	0.0	0.0	0.0	143453.2	0.0	0.0
05	Nitrous oxide (N2O)		C	NRB	EPA Calculation Tool	0.0	141.8	0.0	0.0	0.0	141.8	0.0	0.0

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

SECTION B : REMAINING PRTR POLLUTANTS												
RELEASES TO AIR												
No. Annex II	Pollutant	Name	M/C/E	Method Code	Designation or Description	Method Used	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
							0.0	0.0	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)												
RELEASES TO AIR												
Pollutant No.	Pollutant	Name	M/C/E	Method Code	Designation or Description	Method Used	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
							0.0	0.0	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 'Total' (Total) KG/yr for Section A. Sector specific PRTR pollutants above. Please complete the table below:

Landfill: Mr. Martin O'Donovan

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	
0.0			N/A
0.0			0.0 (Total Flaring Capacity)
0.0			0.0 (Total Utilising Capacity)
0.0			N/A

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE | PRTR# : P0621 | Facility Name : Mr Martin O'Donovan | Filename : P0621_2008(1).xls | Return Year : 2008 | 24/11/2009 18:06

Transfer Destination	European Waste Code	Hazardous	Quantity T/Year	Description of Waste	Waste Treatment Operation	Method Used		Name and Licence / Permit No. of Recoverer / Disposer / Broker	Address of Recoverer / Disposer / Broker	Name and Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)	Licence / Permit No. of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used				
Within the Country	02 01 02	No	61.61	Animal Tissue Waste	R3	M	Weighed	Munster Proteins Ltd P0040-02	Ferrybank, Waterford 430 Beech Rd, Naas Rd, Dublin 4		
Within the Country	18 02 01	No	0.02	Sharps except 18 02 02	R10	E	Volume Calculation	SRCL W0055-2			

* Select a row by double-clicking the Description of Waste then click the 3rd tab Edition

Annual Environmental Report: Summary of Emissions and Waste Transfers

Intensive Agriculture Emissions Calculation Tool for AER / PRTR Reporting Version 1.1 May 2009

Data Entry and Calculation Output Sheet

Facility Name: Martin O Donovan Reporting Year: 2008

Licence Reg. No.: P0621-02

Data Entry Table: Pig Farms

Input (in the yellow boxes) the annual average number of animals

- Note: the animal number for each class of swine (weaners; finishers; boars;etc) should be the average number in the facility over the 12 month period and should accord with your stocking register for the year.
- Stock counts on a monthly basis can be added and the total divided by 12 for each animal class.
- If stock counts are only available for lesser frequencies, i.e quarterly, then the average of these counts should be used to give the annual stock figures

HOUSING

Enter PIG NUMBERS in each class:

Class	Pig Number / year
Suckling sow+litter	212
Dry sow	924
Boars	7
Maiden gilts	137
Weaners (7 to 35 kg)	4,587
Finishers (35 to 98 kg)	5,693

STORAGE

Enter surface area of OUTDOOR UNCOVERED STORAGE (see Surface Area Calculation for a simple tool for this purpose)

Unit number	Surface Area m ²
Slurry storage 1	
Slurry storage 2	
Slurry storage 3	
Slurry storage 4	
Others	
Total	0

FORM OF MANURE STORAGE

Enter the form of Manure Storage

data entry:
 Enter Yes in appropriate box:
 YES

Does the facility employ:

Liquid Manure Storage:
 Solid Manure storage:

(Note: the default assumption is Liquid Storage)

Data Output Table Pig Farms

- The following table provides the output data in the appropriate format for reporting via the "Releases to Air" Worksheet of the EPA Electronic AER Reporting Workbook
- The information must be entered manually; do NOT attempt to use the Cut or Copy methods for this task.
- All housing and storage emissions should be entered as Fugitive Emissions

POLLUTANT	RELEASES TO AIR							
	No. Annex II	Name	M/C/E	METHOD		QUANTITY		
				Method Code	Method Used Designation or Description	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
06	Ammonia (NH3)	C	NRB	EPA Calculation tool	0	23,849.7	0	23,849.7
01	Methane (CH4)	C	NRB	EPA Calculation tool	0	143,453.2	0	143,453.2
05	Nitrous oxide (N2O)	C	NRB	EPA Calculation tool	0	141.8	0	141.8