

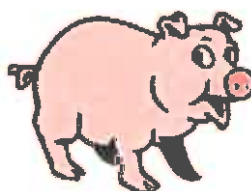
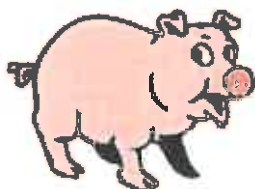
ANNUAL ENVIRONMENTAL REPORT

2016

Licence Register No: P0621-02

Licensee: Martin O'Donovan

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



March, 2017

PREPARED BY: Michael Sweeney & Associates, NRG 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.....Colligboy, 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 Colligboy, 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.

The estimated volume of pig slurry produced on this farm during 2016 was 12,990M³.

Animal type	IPC REG P0621-02 Stock No's	Actual Stock No's for 2010	Actual Stock No's for 2011	Actual Stock No's for 2012	Actual Stock No's for 2013	Actual Stock No's for 2014	Actual Stock No's for 2015	Actual Stock No's for 2016
Suckling Sows	220	200	197	199	186	188	197	195
Dry Sows	940	929	940	946	950	932	921	923
Boars	20	7	5	6	4	4	4	4
Maiden Gilts	170	151	146	149	132	139	136	115
Weaners	4600	4472	4712	4591	4114	4712	4397	4355
Finishers	5900	5828	5832	5878	4602	5091	4944	4911

TABLE 1 Average stocking level at this site.

3. SUMMARY INFORMATION

8,807 tonnes of animal feed were utilised on site during 2016 in the production of pig meat. 517,038 units of electricity and 29,886 litres of fuel were also utilised in the production process in 2016. These details are set out in tabular format below for comparison. (2008-2016)

Unit	2008	2009	2010	2011	2012	2013	2014	2015	2016
Tonnes of Feed	8512	8823	10982	7980	12,052	8234	8,174	9,720	8,807
Units of Electricity	486,180	504,987	561,770	552,343	536,894	563,492	568,401	577,174	517,038
Litres of Heating oil	44964	30114	35951	42252	41,476	28,787	21,164	11,624	29,886

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. The available slurry storage capacity for this farm is 13206M3.

Month	Available Storage Capacity %	Available Storage Capacity %	Available Storage Capacity %	Available Storage Capacity %	Available Storage Capacity %	Available Storage Capacity %	Available Storage Capacity %	Available Storage Capacity %
	2009	2010	2011	2012	2013	2014	2015	2016
Jan.	57	53	78	78	61	26	77	79
Feb.	62	56	73	72	62	33	82	80
March	68	64	63	64	64	31	87	83
April	63	69	52	63	75	36	92	86
May	69	69	53	69	79	44	93	85
June	71	66	65	63	82	53	94	88
July	69	66	71	59	83	58	94	81
Aug.	70	67	78	56	81	64	95	79
Sept.	70	63	83	55	85	71	95	86
Oct.	70	62	83	73	87	80	93	82
Nov.	65	62	68	73	82	77	90	76
Dec.	58	54	59	69	78	82	87	68

TABLE 2 Summary of available pig manure storage capacity. (2009 - 2016)

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 31 of 2014.

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. 10,583M³ of pig manure was delivered to customer farms during 2016, for use as a fertiliser, on agricultural crops.

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 land spreading are included as Attachment No 2 and summarised in Table 5 hereunder;

Waste Type	EWC Code	Total Volume 2009	Total Volume 2010	Total Volume 2011	Total Volume 2012	Total Volume 2013	Total Volume 2014	Total Volume 2015	Total Volume 2016
Pig Carcasses	02 01 02	64.07 Tonnes	61.1 Tonnes	69.17 Tonnes	68.1 Tonnes	79.73 Tonnes	69.41 Tonnes	69.95 Tonnes	59.43 Tonnes
Veterinary Waste	18 02 02*	20 Kgs	4 Kgs	10 Kgs	26 Kgs	9 Kgs	3 Kgs	3 Kgs	
General Refuse	20 03 01	1.3 Tonnes	1.5 Tonnes	1.2 Tonnes	1.4 Tonnes	1.3 Tonnes	2.0 Tonnes	7.76 Tonnes	9.45 Tonnes
Fluorescent Tubes	20 01 21*	145 Tubes	Nil	Nil	Nil	Nil	Nil	150 Tubes	Nil

TABLE 5: Wastes exported during 2009-2016.

3.8 ENVIRONMENTAL INCIDENTS AND COMPLAINTS

This facility had two site visits from the Agency during the reporting period. The first on 27.05.2016 was in response to an anonymous complaint received by the Agency on 20.05.2016. A follow up site visit was undertaken by the Agency on 27.05.2017. A stockpile of partially buried waste was located in a field, to the north west of the licensed site. NRG Ltd submitted a proposal to the Agency to assess, segregate, and remove by licensed contractor, to a licensed facility, all waste deposited at this site. The proposal was approved by the Agency and works were completed on site.

The second was undertaken on 30.10.2016, and there were no non-compliances issued upon completion. The report summary commented "The facility was generally tidy and well managed at the time of the site visit".

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
2011	Dry	<1	Dry	<1
2012	<1	<1	1	9
2013	<1	<1	Dry	<1
2014	Dry	5	Dry	9
2015	<1	<3	<3	<3
2016	<3	10	8	Dry

TABLE 6 Surface water discharge analyses. (SW1)

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.

YEAR	1 st Quarter	2 nd Quarter	3 rd Quarter	4 th Quarter
2011	Dry	<1	Dry	<1
2012	<1	<1	11	<1
2013	<1	<1	Dry	<1
2014	Dry	5	Dry	8
2015	<1	Dry	<3	<3
2016	<3	13	10	Dry

Surface water discharge analyses. (SW2)

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 2015.

Parameter	GW1								
	June 2008	June 2009	May 2010	June 2011	May 2012	June 2013	Sept 2014	Dec 2015	Feb 2016
Ammonia	0.02	0.05	0	1.0	0.04	0.03	0.51	0.06	0.09
Nitrate-N	1.32	10.5	10.9	11.1	7.3	9.8	3.3	0.9	16.8
Faecal Coliform	9	0	0	0	0	0	0	0	0

Parameter	GW2								
	June 2008	June 2009	May 2010	June 2011	May 2012	June 2013	Sept 2014	June 2015	Feb 2016
Ammonia	0.01	0.46	0	0.1	0.04	0.05	0.04	0.03	0.03
Nitrate-N	<1	10.8	10.9	11.6	10.8	9.8	3.5	9.0	7.3
Faecal Coliform	9	0	0	0	0	0	0	0	0

4. MANAGEMENT OF THE ACTIVITY

There were no non compliances issued in respect of this farm during this reporting period.

4.1 CORRECTIVE ACTION PROCEDURES

A copy of the corrective action procedure for this site is included as Attachment No 3.

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

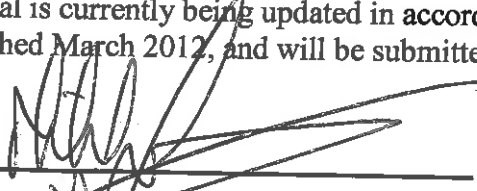
A copy of notification procedure for this site is included in Attachment No 3.

5. TANK AND PIPELINE TESTING AND INSPECTION REPORT

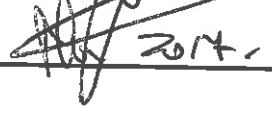
A tank and pipeline inspection proposal was submitted to the Agency on 12th July 2010. This proposal was prepared in consultation with Mr Michael McEniry, and Mr Jer Keohane of GES

Ltd. This proposal is currently being updated in accordance with the Agency Guidance document published March 2012, and will be submitted to the Agency upon completion.

SIGNED

A large, stylized handwritten signature in black ink, written over a horizontal line.

DATE

A handwritten date "11/20/14" in black ink, written over a horizontal line.

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

~~2015~~

2016

DATE	NAME	COMMENT
16-2	ADD	Dry
23-2	ADD	Dry
1-3	ADD	Slight Flow - Clear
8-3	ADD	Dry
15-3	ADD	Strong Flow - Clear
22-3	ADD	Slight Flow - Clear
28-3	ADD	Dry
5-4	ADD	Slight Flow - Clear
12-4	ADD	Dry
19-4	ADD	Dry
25-4	ADD	Dry
1-5	ADD	Dry
8-5	ADD	Slight Flow - Clear
15-5	ADD	Dry
22-5	ADD	Slight Flow - Clear
28-5	ADD	Dry
4-6	ADD	Dry
14-6	ADD	Dry
21-6	ADD	Slight Flow
28-6	ADD	Slight Flow
3-7	ADD	Dry
10-7	ADD	Dry

REG. NO. :- 621

LICENCEE :- MARTIN DONOVAN

LOCATION :- COLLIGBOY, TIMOLEAGUE, CO. CORK

REGISTER OF DAILY VISUAL INSPECTION OF STORMWATER MONITORING POINTS

2016

DATE	NAME	COMMENT
22-7	ADD	All clear - Dry
29-7	ADD	Dry
6-8	ADD	Dry
18-8	ADD	Dry
26-8	ADD	Slight flow - Clear
2-9	ADD	Dry
9-9	ADD	Dry
16-9	ADD	Dry - No flow
22-9	ADD	Dry - No flow
1-10	ADD	Dry - No flow
7-10	ADD	Dry - No flow
13-10	ADD	Dry
20-10	ADD	Dry - No flow
28-10	ADD	Slight flow - Clear
3-11	ADD	Slight flow - Clear
11-11	ADD	No flow -
19-11	ADD	Slight flow - Clear
26-11	ADD	flow - Clear
2-12	ADD	Dry
8-12	ADD	Slight flow - Clear
15-12	ADD	Dry
23-12	ADD	Dry
30-12	ADD	Slight flow - Dry
2017 4-1	ADD	Slight flow - Dry

IPC REGISTRATION No: P0621-02

ATTACHMENT NO. 2

WASTE MANAGEMENT RECORDS

APRIL, 2017

NRGE LTD
MOORESFORT, LATTIN, CO TIPPERARY
TEL: 062-55385 EMAIL: info@nrge.ie

AER FOR 2016

REG. NO. 621

LICENCEE: MARTIN O'DONOVAN

LOCATION: COLLIGBOY
TIMOLEAGUE
CO. CORK

WASTE MANAGEMENT REGISTER

WASTE: Animal Carcasses (Code 020 102)

CONTRACTOR: Clonmel Fats Ltd.

DESTINATION: Premier Proteins, Ballinasloe, Co. Galway

2015	DATE	VOLUME	COLLECTED BY
	5-1	3.0	
	19-1	4.0	
	2-2	3.00	✓
	14-2	4.00	✓
	2-3	3.00	✓
	16-3	2.45	✓
	30-3	1.00	✓
	13-4	2.00	✓
	27-4	1.87	✓
	11-5	1.5	✓
	25-5	1.5	✓
	2-6	1.94	✓
	22-6	2.52	✓
	6-7	3.63	✓
	20-7	2.5	✓
	11-8	5.0	✓
	17-8	0.5	✓
	31-8	2.0	✓
	15-9	3.5	✓
	28-9	2.16	✓
	12-10	3.0	✓
	29-10	2.5	✓
	9-11	3.75	✓
	23-11	3.0	✓
	7-12	3.0	✓
	21-12	3.0	✓
	4-1	3.0	✓
	18-1	2.5	✓
	2-2	2.4	✓
	12-2	2.82	✓
	29-2	2.5	✓
	15-3	2.0	✓
	29-3	2.5	✓
	1-4	2.85	✓
	25-4	2.0	✓
	9-5	2.0	✓
	24-5	3.0	✓
	04-6	2.0	✓
	20-6	1.5	✓
	5-7	1.5	✓
	18-7	1.0	✓
	2-8	3.5	✓
	15-8	1.0	✓

N 2016

ATTACHMENT NO. 3

ENVIRONMENTAL OPERATING PROCEDURES

IPC LICENSEE REG
LICENSEE
LOCATION

NO. P0621-02
MARTIN O'DONOVAN
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 : 1890-335599

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 McARTHUR 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.**

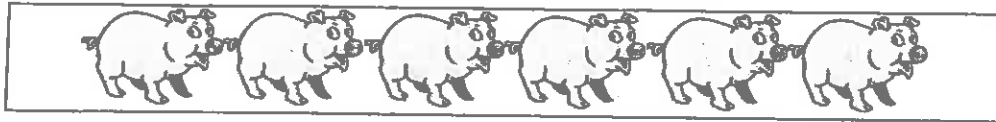
- **APPROPRIATE TRAINING RECORDS ARE KEPT FOR EACH EMPLOYEE**

- **THESE RECORDS ARE REGULARLY UPDATED**

- **ALL NEW EMPLOYEES WHOSE JOB HAVE A DIRECT INFLUENCE ON THE ENVIRONMENT RECEIVE TRAINING ON THE COMMENCEMENT OF EMPLOYMENT**

- **OUTSIDE CONTRACTORS INVOLVED IN PIG MANURE MANAGEMENT ARE REGULARLY CHECKED BY THE LICENSEE TO ENSURE PROPER TRAINING HAS BEEN RECEIVED, AND A COPY OF THE CODE OF PRACTICE FOR LANDSPREADING OF ORGANIC MANURE, IS BEING KEPT ON EQUIPMENT.**

IPC LICENSE REG. NO. PO 0621-02
 LICENSEE MARTIN O'DONOVAN
 LOCATION COOLIGBOY, TIMOLEAGUE, BANDON, CO. CORK



VERMIN CONTROL REGISTER 2014-2015

MONITORING POINTS A,B,C,D,E,F,G,H,I,J,K,L,M,N,O.

2016

DATE	INSPECTION POINT	COMMENTS
10-11	AU	clear
18-11	AU	clear
25-11	A D J K	Poison hand
2-12	M, N, O, Y	"
9-12	C D J K	"
17-12	AU	clear
23-12	AU	clear
2-1	AU	clear
9-1	D E K	Poison hand
16-1	F G H	"
22-1	M N B	"
30-1	AU	clear
9-2	AU	clear
16-2	AU	clear
23-2	D E H-K L	Poison hand
3-3	AU	clear
10-3	AU	clear
18-3	B, C-K J	Poison hand
25-3	A, D, M-O	"
1-4	F, G, K, L, M	"
9-4	AU	clear
13-4	clear	clear
20-4	A D J K	Poison hand
27-4	clear	clear
4-5	clear	clear
11-5	G H N O	Poison hand
19-5	M, K Y	"
28-5	A, D B	"
4-6	M, I, M N O	"
10-6	clear	clear
18-6	clear	clear
26-6	clear	clear
4-7	clear	clear
11-7	A J B D C-K L	Poison hand
17-7	M N O Y K	clear
26-7	AU	clear

ATTACHMENT NO. 4

AER/PRTR SPREADSHEETS



Environmental Protection Agency

| PRTR# : P0621 | Facility Name : Mr Martin O'Donovan | Filename : P0621_2016.xls | Return Year : 2016

[Guidance to completing the PRTR workbook](#)

PRTR Returns Workbook

Version: 1.1.19

REFERENCE YEAR	2016
-----------------------	------

1. FACILITY IDENTIFICATION

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

Classes of Activity

No.	class_name
	- Refer to PRTR class activities below

Address 1	Cooligboy
Address 2	Timoleague
Address 3	Bandon
Address 4	
	Cork
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	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	7
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
--	----

4.1 RELEASES TO AIR

[Link to previous years emissions data](#)

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

POLLUTANT		RELEASES TO AIR				Please enter all quantities in this section in KGs			
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	T (Total) KG/Year
06	Ammonia (NH3)	C	NRB	EPA Calculation Tool		0.0	21407.3	0.0	21407.3
01	Methane (CH4)	C	NRB	EPA Calculation Tool		0.0	130293.6	0.0	130293.6
05	Nitrous oxide (N2O)	C	NRB	EPA Calculation Tool		0.0	128.4	0.0	128.4

* 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				Please enter all quantities in this section in KGs			
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	T (Total) KG/Year
						0.0	0.0	0.0	0.0

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

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

POLLUTANT		RELEASES TO AIR				Please enter all quantities in this section in KGs			
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	T (Total) KG/Year
						0.0	0.0	0.0	0.0

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

Additional Data Requested from Landfill operators

For the purposes of the National Inventory on Greenhouse Gases, landfill operators are requested to provide summary data on landfill gas (LFG) gas (flare) fired 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) KGOY 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 fired and / or utilised

Total estimated methane generation (as per site model)	Methane fired	Methane utilised in engine(s)	Net methane emission (as reported in Section A above)	Method Used		Facility Total Capacity m3 per hour
				Method Code	Description or Description	
I (Total) kg/Year	0.0	0.0	0.0		N/A	0.0 (Total Firing Capacity)
					N/A	0.0 (Total Utilising Capacity)

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

FFTR# : P0621 | Facility Name : Mr Martin O'Donovan | Return Year : 2016 |
 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 Receiver / 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	59.43	animal-tissue waste	R3	M	Weighted	Offsite in Ireland	MUNSTER PROTEINS LTD,P0040-2	CHRISTENDON,FERRYBAN K,WATERFORD,CO WATERFORD,Ireland		

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