

Installation Information Summary

AER Reporting Year	2017
Licence Register Number	P0915-01
Name of site	BallyFaskin Enterprises Ltd
Site Location	Ballyfuskien, Ballylanders, Co. Limerick
NACE Code	146
Class of Activity	7(a)(ii) raising of swine/ pigs
National Grid Reference (6E, 6 N)	

A brief description of the activities/process at the site for the reporting year. This should include information such as production increases or decreases on site, any infrastructural changes, environmental performance improvements which were measured during the reporting year;

In 2014, Ballyfaskin Enterprises undertook some of the proposed building/ reconstruction of new and existing accommodation as per planning permission granted by Limerick Co Co. This comprised of a new loose Dry Sow Housing and the refurbishment of an existing DSH in line with welfare requirements. Construction of Farrowing rooms contained in FH1 and reconstructed the Gilt House as outlined in drawings submitted to EPA as part of licence application. A new row of fattner accommodation was also completed by the year end. It is anticipated that stock numbers will be gradually increased in line with the permitted increase of stock numbers, as additional adequate storage becomes available
Further construction is planned for 2015 with all proposed construction/ reconstruction opefully completed by 2016/ 2017

Stock numbers-please enter **average** stock numbers and stock type e.g. Suckling sow+litter, Dry sow, Boars, Maiden gilts, Weaners , Finishers, broiler,layer,duck

Suckling Sows 122
Dry Sows 269
Boars 3
Maiden Gilts 86
Weaners 2125
Finishers 2300

Please state date of last stock count

31/12/2017

Please enter stock numbers and type at last count

Suckling Sows 120, Dry Sows 270, Boars 3, Maiden Gilts 90, Weaners 2200, Finishers 2300

Declaration:

All the data and information presented in this report has been checked and certified as being accurate. The quality of the information is assured to meet licence requirements.

	20/09/2018
signature	Date
Group/Installation manager	
(or nominated, suitably qualified and experienced deputy)	

1 Was it a requirement of your licence to carry out visual inspections on any surface water discharges or watercourses on or near your site? If yes please complete table W1 below summarising <u>only any evidence of contamination noted during visual inspections</u>	Yes	
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Table W1 Visual inspections-Please only enter details where contamination was observed.

Location Reference	Date of inspection	Description of contamination	Source of contamination	Corrective action	Comments
			SELECT		
			SELECT		

2 Is it a requirement of your licence to carry out discharge to surface water monitoring? If Yes please complete Table W2 below	Yes	
3 Please state what frequency you are required to complete surface water monitoring	Quarterly	

Table W2: Storm/Surface water discharge monitoring

Surface water EQS

Please enter details only where results indicate contamination has occurred

Emission reference no:	Parameter/Substance ^{Note 1}	Date of Monitoring	Measured value	Unit of measurement	Comments	Description of contamination	Corrective action
SW2	BOD	10/01/2017	3.1	mg/L			
SW2	BOD	13/02/2017	1.8	mg/L			
SW2	BOD	09/03/2017	2.1	mg/L			
SW2	BOD	18/04/2017	2.7	mg/L			
SW2	BOD	11/05/2017	1.3	mg/L			
SW2	BOD	20/06/2017	2.1	mg/L			
SW2	BOD	13/07/2017	1.6	mg/L			
SW2	BOD	21/08/2017	2.5	mg/L			
SW2	BOD	19/09/2017	3.2	mg/L			
SW3	BOD	12/10/2017	2.7	mg/L			
SW2	BOD	22/11/2017	1.9	mg/L			
SW2	BOD	11/12/2017	1.7	mg/L			

4 Is it a requirement of your licence to carry out licenced emissions monitoring? If Yes please complete Table W3 below	SELECT	
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Table W3: Licenced monitoring

Emission reference no:	Emission released to	Parameter/Substance ^{Note 1}	Date of Monitoring	ELV or trigger values in licence or any revision thereof ^{Note 1}	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Comments
	SELECT	SELECT			SELECT		SELECT	SELECT	
	SELECT	SELECT			SELECT		SELECT	SELECT	
	SELECT	SELECT			SELECT		SELECT	SELECT	

Note 1: Where Emission Limit Values (ELV) do not apply to your licence please compare results against EQS for Surface water or relevant receptor quality standards. Trigger values may be agreed by the Agency outside of licence conditions

Tank and Pipeline assessment reporting	Lic No:	P0915-01	Year:	2017
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Answer all questions and complete Tables TP1,TP2 and TP3 as applicable Additional information if required

1	Is it a requirement of your licence to carry out a tank and pipeline assessment for effluent storage on site?	Yes	
2	Is it a requirement of your licence to submit a programme for agreement to the Agency prior to carrying out a tank and pipeline assessment?	Yes	
3	If Yes to Q2 has a programme been submitted to the Agency for agreement on the assessment of under and over-ground effluent storage tanks and pipelines? Please enter date of submission in additional information	No	
4	What method has been proposed for the assessment of under and over ground effluent storage tanks and pipelines?	Hydrogeological	
5	Have all structures been assessed for integrity in the past five years or as required by the licence. If no, please identify the structures which have not been assessed as required, in the Additional Information column. Also in the column, please state the date on which assessment was carried out.	No	
6	If Visual inspection was the method used were any cracks or defects detected? If yes please detail in additional information	No	
7	If yes to Q6 have the cracks or defects been repaired successfully? If no please explain in additional information	No	
8	If hydrogeological or geophysics investigation methods were used was there any evidence of contamination detected? If yes please detail in additional information	No	
9	If yes to Q8 please detail proposed or completed remediation work in additional information		
10	Are there any leak detection systems on site? Please see Department of Agriculture's S126 and EPA guidance on Storage and Bunding of materials for required systems	S126.pdf	bundling and storage guidelines
11	Does the leak detection system serve all housing units on site? (please state in the comments section number of units covered by the leak detection system and total number of units on site)	Yes	
12	From the visual inspections carried out has any discharge been visible in the leak detection inspection chamber? If yes please enter details in table TP2	No	
13	Was it a requirement of your licence to analyse samples for the current reporting year. If yes please enter details of any samples taken in table TP3 below	No	
14	When is the next tank and pipeline assessment due?	Yes	
15	Does the licensee consider they are compliant with licence conditions?		
16	Include details of any other findings of report		

Table TP1: Underground and Overground Tanks, Bund and pipeline register ALL Facilities to complete

Bund/Tank/Containment structure ID (this includes pipelines associated with Bunds/Tanks or containment structures)	Product containment	Type of assessment	Assessment date	Leak detection on containment structure?	Integrity reports maintained on site?	Results of assessment	Integrity assessment failure explanation <50 words	Corrective action taken
Fattners A,B,C	Liquid Manure	Hydraulic	08/05/2017	No	Yes	Pass		
Farrowing D	Liquid Manure	Hydraulic	18/05/2017	No	Yes	Pass		
Farrowing E	Liquid Manure	Hydraulic	02/06/2017	No	Yes	Pass		
Farrowing F	Liquid Manure	Hydraulic	17/06/2017	No	Yes	Pass		
Gilt House G	Liquid Manure	Hydraulic	15/07/2017	No	Yes	Pass		
Fattners I	Liquid Manure	Hydraulic	30/07/2017	No	Yes	Pass		

Tank and Pipeline assessment reporting			Lic No:	P0915-01		Year:	2017	
First Stage J	Liquid Manure	Hydraulic	09/08/2017	Yes	Yes	Pass		
First Stage K	Liquid Manure	Hydraulic	27/08/2017	Yes	Yes	Pass		
2nd Stage L	Liquid Manure	Hydraulic	05/09/2017	Yes	Yes	Pass		
2nd Stage M	Liquid Manure	Hydraulic	13/09/2017	Yes	Yes	Pass		
Dry Sow House N	Liquid Manure	Hydraulic	19/09/2017	Yes	Yes	Pass		
Fattners O	Liquid Manure	Hydraulic	25/09/2017	Yes	Yes	Pass		
Fattners P	Liquid Manure	Hydraulic	28/09/2017	Yes	Yes	Pass		
Dry Sow House no.1	Liquid Manure	Hydraulic	03/10/2017	Yes	Yes	Pass		
Fattning 1	Liquid Manure	Hydraulic	03/10/2017	Yes	Yes	Pass		
Fattning 2	Liquid Manure	Hydraulic	03/10/2017	Yes	Yes	Pass		
Fattning 3	Liquid Manure	Hydraulic	03/10/2017	Yes	Yes	Pass		

Table TP2: Visual inspection of leak detection chamber (Poultry facilities this table is not applicable please complete table TP1)

Date	Evidence of discharge	Samples taken (reference in TP3)

Table TP3: Samples collected from leak detection chamber (Poultry facilities this table is not applicable please complete table TP1)

Date	Sample frequency	Sample id	Colour/Odour	Parameter	ELV (If applicable)	Measured value
	SELECT					
	SELECT					

Organic fertiliser storage capacity

Lic No:

P0915-01

year

2017

Please complete the table using the explanation of entries below as a guide

Table OFS.1 Storage capacity for Organic Fertiliser

Type of Organic Fertiliser	Total organic fertiliser storage capacity (m3)	Opening Quantity of organic fertiliser (1 st January of reporting year)	Closing Quantity of organic fertiliser (1 st January of current calendar year)	Quantity of organic fertiliser produced by the animals housed on site in reporting year	Total quantity of organic fertiliser moved off site in reporting year (as recorded in the organic fertiliser register and "record 3" as submitted to DAFM*)	Have records of movement of organic fertiliser (record 3) for the reporting year been submitted to DAFM?
Pig Slurry/Poultry Litter	13899	4177	4357	6490.00	8817	Yes
Washwater (Poultry)						

*DAFM -Department of Agriculture Food and Marine

Column **a** The total organic fertiliser storage capacity is calculated by summing storage capacity onsite. If applicable, Agency agreed off-site storage should be added to the

Column **b** This is the opening quantity of organic fertiliser recorded on 1st of January of AER reporting year

Column **c** This is the quantity of organic fertiliser at close of reporting year calculated by recording the opening quantity on 1st January of the current calendar year

Column **d** This is the quantity of organic fertiliser produced by the animals housed on site in the AER reporting year.

Column **e** Total quantity of organic fertiliser moved off site and recorded in the organic fertiliser register and "record 3" as submitted to DAFM* in AER reporting year

Note 1: The Agency notes that the information provided in this table are the licensees best estimates of the slurry volumes on site on the 1st of January annually and the volume of slurry produced by the animals in the previous calendar year.

Comments

1	Are you required to carry out groundwater monitoring as part of your licence requirements? If Yes complete table GW1 below	yes	
2	Were any results in exceedance of a relevant Groundwater threshold value (GTV) ? Groundwater regulations GTV's	no	
3	What measures were taken to investigate the exceedances of GTV's ? detail in additional information section below	no	

Table GW1:Groundwater monitoring results

Date of sampling	Sample location reference	Parameter/Substance	Monitoring frequency	unit	GTV's*	DWS	Maximum Concentration	Average Concentration
#####		Enterococci		CFU/100ml	0	0	0	0
		Ecoli		CFU/100ml	0	0	0	0
		Coliforms		CFU/100ml	0	0	0	0

* please note exceedance of a relevant Groundwater threshold value (GTV) at a representative monitoring point does not indicate non compliance, an exceedance triggers further investigation to confirm whether the criteria for poor groundwater chemical status are being met.

**Depending on location of the site and proximity to other sensitive receptors alternative Receptor based Water Quality standards should be used in addition to the GTV e.g. if the site is close to surface water compare to Surface Water Environmental Quality Standards (SWEQS), If the site is close to a drinking water supply compare results to the Drinking Water Standards (DWS)

[Groundwater regulations](#) [Drinking water \(private supply\) standards](#) [Drinking water \(public supply\) standards](#) [Interim Guideline Values \(IGV\)](#)
[Surface water EQS](#) [Drinking water \(private supply\) standards](#) [Drinking water \(public supply\) standards](#) [Interim Guideline Values \(IGV\)](#)

.+ where average indicates arithmetic mean

.++ maximum concentration indicates the maximum measured concentration from all monitoring results produced during the reporting year

Additional Information

Where additional detail is required please enter it here in 200 words or less

Additional information

- 1 When did the site carry out the most recent energy efficiency audit?
- 2 Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI programme linked to the right? If yes please list them in additional information
- 3 Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information

SELECT	
SELECT	

Table ER1 Energy usage on site		
Energy Use	Previous year kWh	Current year kWh
Total	281010	299340
Electricity	281010	299340
Fossil Fuels:		
Heavy Fuel Oil		
Light Fuel Oil		
Natural gas		
Coal/Solid fuel		
Renewable energy generated on site		

* where consumption of energy can be compared to overall site production please enter this information as percentage increase or decrease compared to the previous reporting year.

** where site production information is available please enter percentage increase or decrease compared to previous year

Table ER2 Water usage on site		
Water use	Previous year m3/yr.	Current year m3/yr.
Groundwater	6810	6800
Surface water		
Public supply		
Total		6800

* where consumption of water can be compared to overall site production please enter this information as percentage increase or decrease compared to the previous reporting year.

** where site production information is available please enter percentage increase or decrease compared to previous year

Table ER3: Energy Audit finding recommendations								
Date of audit	Recommendations	Description of Measures proposed	Origin of measures	Predicted energy savings %	Implementation date	Responsibility	Completion date	Status and comments
			SELECT					
			SELECT					
			SELECT					

[Guidance to completing the PRTR workbook](#)

PRTR Returns Workbook

Version 1.1.19

REFERENCE YEAR	2017
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1. FACILITY IDENTIFICATION

Parent Company Name	Ballyfaskin Enterprises Ltd
Facility Name	Ballyfaskin Enterprises Ltd
PRTR Identification Number	P0915
Licence Number	P0915-01

Classes of Activity

No.	class_name
-	Refer to PRTR class activities below

Address 1	Ballyfauskeen
Address 2	Ballylanders
Address 3	Co Limerick
Address 4	
	Limerick
Country	Ireland
Coordinates of Location	-8.30919883000 52.36221449800
River Basin District	IESE
NACE Code	0146
Main Economic Activity	Raising of swine/pigs
AER Returns Contact Name	Trevor Montgomery
AER Returns Contact Email Address	trevor@mehs.ie
AER Returns Contact Position	Consultant
AER Returns Contact Telephone Number	0872390421
AER Returns Contact Mobile Phone Number	0872390421
AER Returns Contact Fax Number	
Production Volume	0.0
Production Volume Units	
Number of Installations	1
Number of Operating Hours in Year	8760
Number of Employees	4
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)

3. SOLVENTS REGULATIONS (S.I. No. 543 of 2002)

Is it applicable?	NO
Have you been granted an exemption ?	
If applicable which activity class applies (as per Schedule 2 of the regulations) ?	
Is the reduction scheme compliance route being used ?	

4. WASTE IMPORTED/ACCEPTED ONTO SITE

[Guidance on waste imported/accepted onto site](#)

Do you import/accept waste onto your site for on-site treatment (either recovery or disposal activities) ?	NO
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This question is only applicable if you are an IPPC or Quarry site

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

POLLUTANT		METHOD			Please enter all quantities in this section in KGs			
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
06	Ammonia (NH3)	C	MAB		0.0	30182.6	0.0	30182.6

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

SECTION B : REMAINING PRTR POLLUTANTS

POLLUTANT		METHOD			Please enter all quantities in this section in KGs			
No. Annex II	Name	M/C/E	Method Code	Designation 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

* 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		METHOD			Please enter all quantities in this section in KGs			
Pollutant No.	Name	M/C/E	Method Code	Designation 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

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

Additional Data Requested from Landfill operators

For the purposes of the National Inventory on Greenhouse Gases, landfill operators are requested to provide summary data on landfill gas (Methane) flared or utilised on their facilities to accompany the figures for total methane generated. Operators should only report their Net methane (CH4) emission to the environment under T(total) KG/yr for Section A: Sector specific PRTR pollutants above. Please complete the table below:

Landfill:	Ballyfaskin Enterprises Ltd				
Please enter summary data on the quantities of methane flared and / or utilised	T (Total) kg/Year	M/C/E	Method Used		Facility Total Capacity m3 per hour
			Method Code	Designation or Description	
	Total estimated methane generation (as per site model)	0.0			N/A
	Methane flared	0.0			0.0 (Total Flaring Capacity)
	Methane utilised in engine/s	0.0			0.0 (Total Utilising Capacity)
Net methane emission (as reported in Section A above)	0.0				N/A

4.2 RELEASES TO WATERS

[Link to previous years emissions data](#)

| PRTR# : P0915 | Facility Name : Ballyfaskin Enterprises Ltd | Filename : P0915_2017.xlsx | Return Year : 2017 |

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SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

Data on ambient monitoring of storm/surface water or groundwater, conducted as part of your licence requirements, should NOT be submitted under AER / PRTR Reporting as this only concerns Releases from your facility

RELEASES TO WATERS					Please enter all quantities in this section in KGs			
POLLUTANT		Method Used			QUANTITY			
No. Annex II	Name	M/C/E	Method Code	Designation 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

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

SECTION B : REMAINING PRTR POLLUTANTS

RELEASES TO WATERS					Please enter all quantities in this section in KGs			
POLLUTANT		Method Used			QUANTITY			
No. Annex II	Name	M/C/E	Method Code	Designation 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

* 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 WATERS					Please enter all quantities in this section in KGs			
POLLUTANT		Method Used			QUANTITY			
Pollutant No.	Name	M/C/E	Method Code	Designation 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

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

4.3 RELEASES TO WASTEWATER OR SEWER

[Link to previous years emissions data](#)

| PRTR# : P0915 | Facility Name : Ballyfaskin Enterprises Ltd | Filename : P0915_2017.xlsx | Return

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SECTION A : PRTR POLLUTANTS

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
No. Annex II	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
			Method Code	Designation or Description				
					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 B : REMAINING POLLUTANT EMISSIONS (as required in your Licence)

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
Pollutant No.	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
			Method Code	Designation or Description				
					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 A : PRTR POLLUTANTS

RELEASES TO LAND					Please enter all quantities in this section in KGs		
POLLUTANT		METHOD			QUANTITY		
No. Annex II	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year
			Method Code	Designation or Description			
					0.0	0.0	0.0

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

SECTION B : REMAINING POLLUTANT EMISSIONS (as required in your Licence)

RELEASES TO LAND					Please enter all quantities in this section in KGs		
POLLUTANT		METHOD			QUANTITY		
Pollutant No.	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year
			Method Code	Designation or Description			
					0.0	0.0	0.0

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

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

| PRTR# : P0915 | Facility Name : Ballyfaskin Enterprises Ltd | Filename : P0915_2017.xlsx | Return Year : 2017 |

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Please enter all quantities on this sheet in Tonnes

3

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 Non 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	60.5	animal-tissue waste	R3	M	Weighed	Offsite in Ireland	Mick Duggan Skip Hire Ltd Lisava Cahir Co Tipperary,(((Initial Medical Services,NWCPO-09-02507-02	Waterford Proteins,Christendom,Ferrybank,Waterford Proteins,Ireland		
Within the Country	18 02 01	No	0.0	sharps except (18 02 02)	D5	M	Weighed	Offsite in Ireland	Mr Binman,NWCPO/12/11056	SRCL,Beech Road,Dublin 12,...,Ireland Dillon Waste,Tralee,Tralee,Kerry,Ireland		
Within the Country	20 01 01	No	0.08	paper and cardboard	R3	M	Weighed	Offsite in Ireland	Mr Binman,NWCPO-12-11056	Greenstar,Dock Road,Limerick,...,Ireland		
Within the Country	20 03 01	No	5.6	mixed municipal waste	D5	M	Weighed	Offsite in Ireland	Mr Binman,NWCPO-12-11056	Greenstar,Dock Road,Limerick,...,Ireland		

* Select a row by double-clicking the Description of Waste then click the delete button

[Link to previous years waste data](#)

[Link to previous years waste summary data & percentage change](#)

[Link to Waste Guidance](#)