

Annual Environmental Report

For

Licence Registration Number: P0382-01

Reporting period: 1st January 2012 to 31st December 2012

**Location of Activity: Carrowcushcly Pig Farm
Carrowcushcly
Ballymote
Co. Sligo**

Prepared by: hugh o hara _____ **Signed:** hugh o hara _____

Position: manager _____ **Date:** 1/1/2012 _____

The following report has been prepared in accordance with Condition 2.4.2, Condition 9 and Schedule 5 (i) of Integrated Pollution Control Licence number P0382-01.

The unit was licensed by the EPA in December 1999 to carry out the following activity

:- the rearing of pigs in installations, whether within the same complex or within 100 meters of that complex, where the capacity exceeds 1000 units on gley soils or 3000 units on other soils.

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1.0 WASTE RECORDS

Wastes arising on-site include

- Animal carcasses
- Domestic waste
- Dry recyclables
- Agrochemical waste
- Metal

All wastes generated on-site are stored in suitable containers in designated areas prior to being transferred to approved disposal/recovery facilities. A summary of waste disposed/recovered off-site during the reporting period is outlined in Table 1 below.

Table 1: Waste transferred off-site for disposal/recovery during the reporting period

	Animal carcasses	Domestic waste	Dry recyclables	General Waste	Agrochemical waste	Agrochemical waste
EWC code	02 01 02	20 03 01	20 03 99	20 03 99	18 02 02	02 01 10
Quantity	37.160	32.0 Tonnes (approx)	2.860 Tonnes (approx)	2.860(approx)	0.48 Tonnes	zero
Collector	Kiernan Transport, Granard, Co. Longford.	Barna/Bergin Waste Headford Rd., Galway.	Barna/Bergin Waste Headford Rd., Galway.	Barna/Bergin Waste Headford Rd., Galway.	SRCL Limited Naas Rd., D.12.	Erin Recyclers Finisklin Co.Sligo.
Collection permit no.	<i>D.o.A registration no:</i> KT	CW074	CW074	CW074	WCP/09	CW206
Final destination	Premier Proteins, Ballinasloe.	Ballaghadereen Landfill c/o Roscommon Co. Co.	Bruscar Bhearna Teo., Galway.	Bruscar Bhearna Teo., Galway.	Ballynagran Landfill, Co. Wicklow.	Erin Recyclers Finisklin Co.Sligo
Licence/permit details	P0592-01	W0059-02	W0106-02	W0106-02	W0165-01	WP SO 08/93

Comment [nm1]: KT registered with D.o.A. Same driver. First load by KT 29/06/07

2.0 MANURE USE & RECORDS

2.1 Manure distribution 2012

Manure from this site is available for distribution as fertilizer to the occupiers of holdings subject to availability. Manure will only be distributed in response to a request. The use of the manure by occupiers of holdings is subject to control under the European Communities (Good Agricultural Practice for Protection of Waters) Regulations 2009. Records of manure dispatch will be maintained on-site and be available for inspection by the authorities. New customers who may seek a supply may be added to the customer list during the year. Manure may be supplied to a new customer on his statement that he has a requirement.

2.2 Manure Storage Capacity

The manure storage capacity was measured on a weekly basis during the reporting period and the remaining storage capacity at the end of each month is outlined in Table 2.

Table 2 Available Manure Storage Capacity during the Reporting Period

	% Storage Capacity Available
January	42.9%
February	54.7%
March	69.9%
April	76.5%
May	68.8%
June	68.2%
July	74.4%
August	70%
September	64.6%
October	54.5%
November	44.3%
December	29.1%

2.3 Manure Distribution

10149m³ of manure was dispatched from the farm in 2011. A register, detailing dates, volumes and importers of the manure was maintained and is available for inspection by the authorities.

3.0 FEED COMPOSITION

The main constituents of the feed include wheat, hipro soya, barley, pollard, maize, rapeseed, peas, beet pulp, milk powders, tallow, soya oil and supplements.

4.0 SURFACE WATER DISCHARGE MONITORING

Outlined in Table 3 are the results for surface water monitoring conducted in accordance with Schedule 4 (i) of the licence at sample point SWA during 2011. Analyses were conducted by Oldcastle Laboratories, Co. Meath.

Table 3 Surface water discharge monitoring results for sample point SWA

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
COD (mg L ⁻¹)	52	4	0	1
Ammonia (mg L ⁻¹)	<0.0	0.0	<0.06	<0.01
Total Phosphate (mg L ⁻¹)	0.17	0.1	0.06	0.16

Outlined in Table 4 are the results for surface water monitoring conducted in accordance with Schedule 4 (i) of the licence at sample point SWB during 2011. Analyses were conducted by Oldcastle Laboratories, Co. Meath.

Table 4 Surface water discharge monitoring results for sample point SWB

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
COD (mg L ⁻¹)	42	9	0	1
Ammonia (mg L ⁻¹)	<0	0.0	<0.05	0.02
Total Phosphate (mg L ⁻¹)	0.05	0.13	0.06.	0.05

Outlined in Table 5 are the results for surface water monitoring conducted in accordance with Schedule 4 (i) of the licence at sample point SWC during 2011. Analyses were conducted by Oldcastle Laboratories, Co. Meath.

Table 5 Surface water discharge monitoring results for sample point SWC

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
COD (mg L ⁻¹)	38	5	0	1
Ammonia (mg L ⁻¹)	<0.	0.	<0.07	0
Total Phosphate (mg L ⁻¹)	0.05	0.05	0.06	0.05

5.0 GROUND WATER MONITORING

Groundwater quality was monitored In december. The analysis was conducted by Oldcastle Laboratories, Co. Meath. The results are as follows:

Faecal coliforms 0 per 100 ml

Nitrates mg/lno3-n 2.3 ammonia 0.01

6.0 TANK & PIPELINE ASSESSMENT

The manure storage tanks were assessed and surveyed by Eddie Kennedy and Associates, chartered engineers during 2011/2012. A report has been submitted to the EPA. No evidence of leaks or spillages were found.

7.0 INCIDENTS

There were no incidents during the reporting period.

8.0 COMPLAINTS

There were no complaints in 2012.