



# CARLOW COUNTY COUNCIL

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Office of Climate, Licensing & Resource Use,  
Environmental Protection Agency  
PO Box 3000  
Johnstown Castle Estate  
County Wexford

## IPPC Licence Application by Ballon Meats at Raheen, Ballon, Co. Carlow. Reg. No. P0846-01

Ms Kennedy,

With reference to the IPPC licence application by Ballon Meats Ltd. Carlow County Council wish to make the following observations:

1. It recently came to the attention of Carlow County Council that it is proposed to accept effluent into the Ballon Meats wetland from external sources i.e. PL08/08 Carlow Foods Ltd., Kilkea, Fenagh, Co. Carlow. Poultry Slaughterhouse. Please refer to attached correspondence.
2. Carlow County Council are concerned with regard to the potential for secondary emissions from existing farmyard drainage which should be diverted for effluent treatment prior to discharge.
3. Please note the planning condition attached to the Ballon Meats facility PL02/259

**Condition 4:** The applicant shall put in an impervious liner in the constructed wetland to ensure that there is no risk whatsoever of seepage from the wetland into the groundwater  
Reason: To oversee environmental protection

**Condition 6:** The applicant shall ensure that the primary and secondary treatment system is capable of treating the trade effluent to the following standards before discharge to the constructed wetlands.



Parameter	Limit Value	Sampling Method
pH	6-9	24 hour composite sample
BOD 5 (mg/l)	25	24 hour composite sample
COD (mg/l)	125	24 hour composite sample
Suspended Solids (mg/l)	35	24 hour composite sample
Total Nitrogen (mg/l as N)	15	24 hour composite sample
Total Ammonia (mg/l)	10	24 hour composite sample
Total Phosphorous (mg/l)	2	24 hour composite sample
Oils, fats, grease (mg/l)	10	24 hour composite sample

Reason: To oversee environmental protection

Inspections by Council County staff have demonstrated breaches of the above conditions.

4. Carlow County Council are concerned with regard to the phosphorous loading into the River Douglas catchment and the ability of this water body to meet the standards required under the Water Framework Directive. As a result I recommend the following emission limits are applied as a minimum standard to be attained:

- a. BOD 5mg/l
- b. TSS 10mg/l
- c. Ammonia (as N) 3mg/l
- d. Total Phosphorous 1mg/l

5. Monitoring of the inlet and outlet from the reed-beds has been undertaken by Carlow County Council and results are provided for your information in the attached Appendix.

Carlow County Council would appreciate if the above items could be taken into account in your assessment of the IPPC licence application.

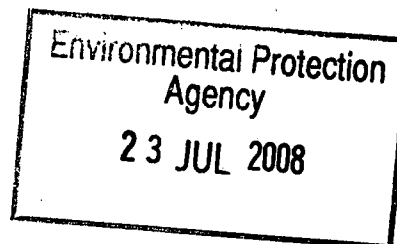
Yours faithfully

*Fiona O'Neill*

Fiona O'Neill  
Senior Executive Officer

Date

22<sup>nd</sup> July, 2008



23 JUL 2008

## Licence to Discharge to Waters WP7/27

## Baillon Meats WP7/27

Date of sampling				25/09/2007	18/01/2008	18/01/2008
Sampled By				James Byrne	James Byrne	James Byrne
Laboratory No.				L/07/2453	L/08/0204	L/08/0204
Laboratory Used				Tellab	Tellab	Tellab
Time of Sampling						
Sampling Location				Inlet to Reedbeds	Inlet to Reedbeds	Outlet from Reedbeds
Monitoring Frequency				Continuous		
Submission of Results				Monthly		
Parameters	Units:	Max Value Allowed (PL02/259)	Max Value Allowed (WP7/24)			
B.O.D.	mg/l O <sub>2</sub>	25	5	3195	4193	38
C.O.D.	mg/l O <sub>2</sub>	125	10	5325	4870	237
Suspended Solids	mg/l	35	10	1490	1370	64
pH		6-9		7.50		
Ammonia	mg/l NH <sub>4</sub>	10	3	443	360	78
Nitrate	mg/l NO <sub>3</sub>			3	<0.5	<0.5
Ortho Phosphate	mg/l PO <sub>4</sub>			14	22	16
Chloride	Cl					
Sulphate	mg/l					
Phosphorous	mg/l P	2	2	48	38	19
D.O mg/l O <sub>2</sub>	mg/l O <sub>2</sub>					
Temperature	°C		25			
Colour	mg/l					
Detergents as MBAS						
Oils, fats, Greases	mg/l	10	10			
Total Nitrogen	mg/l	15			449	84

16/07/2008