



Subwoo 5

27/02/2007

Environment  
G McDermott/DR

Mr Breen Higgins,  
Environmental Protection Agency,  
Office of Licencing and Guidance,  
PO Box 3000,  
Johnstown Castle Estate,  
Co Wexford.

**Re/ Dawn Farm Foods (Queally Group) – EPA Reference P0812-01**

Dear Mr Higgins,

Please find attached a Bord Na Mona Analysis Report dated 12/06/07 and supporting chain of custody document. This report details the characteristics of a sample taken of the discharge from the fats/oils/grease interceptor on the stormwater drain leaving the Dawn Farm Foods site and a sample taken from the receiving watercourse. The report clearly shows that the discharge from the site contained significant levels of contaminants at the time of sampling on 29/05/07.

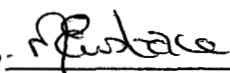
The Environment Section of Kildare County Council has been investigating the sources of pollution of this watercourse for a number of years and although some problems have been identified, there still appears to be unidentified discharges, be it continuous or intermittent, which continue to cause pollution.

Mr Cathal Queally of Dawn Farm Foods has co-operated admirably with the Council in trying to resolve the problem and he is in the process of arranging for a seriously contaminated section of the watercourse to be cleaned.

Kildare County Council would greatly appreciate if you can take this information on board and make any provisions necessary in the pending IPPC licence that may contribute to the resolution of this problem.

If you require any further information please contact Mr Gavin McDermott of the Environment Section on 045-980578.

Yours faithfully

PP.   
A Greene  
Acting Senior Executive Officer

**Environmental  
Protection Agency**

28 JUN 2007

Project Code : 07-10673

Report Date : 12-Jun-2007

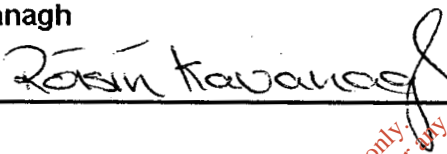
Report Unique ID: 12162

Commen. Date: 29/05/2007

**Customer:** Mr. Gavin McDermott  
Mr. Gavin McDermott  
Kildare County Council  
Aras Cill Dara  
Devoy Park  
Naas  
Co. Kildare

**Contact Details:**

**Approved by :** Roisin Kavanagh  
Scientist



Sample Number : 102223

Client ID: QK-01-290507

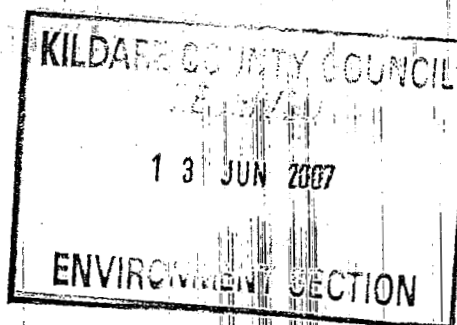
DISCHARGE FROM INTERCEPTOR

Sample Type: Surface Water

Received: 29/05/2007

Condition: Good

Analysis	Component	Specification	Result	Units
Ammonia	*NH3-N	-	7.90	mg/l
BOD	*BOD	-	188	mg/l
Chloride	Chloride	-	63	mg/l
COD	*COD	-	350	mg/l
Nitrate as N	*N03-N	-	<0.2	mg/l
Nitrite as N	*N02-N	-	<0.02	mg/l
Orthophosphate	*P04-P	-	3.96	mg/l
pH	*pH	-	7.7	pH units
Total Phosphorous	Total Phosphorus	-	5.40	mg/l



Project Code : 07-10673

Report Unique ID: 12162

Sample Number : 102224 Client ID: QK-02-290507 RECEIVING WATERCOURSE  
Sample Type: Surface Water Received: 29/05/2007 Condition: Good

Analysis	Component	Specification	Result	Units
Ammonia	*NH3-N	-	3.24	mg/l
BOD	*BOD	-	7	mg/l
Chloride	Chloride	-	58	mg/l
COD	*COD	-	10	mg/l
Nitrate as N	*NO3-N	-	1.03	mg/l
Nitrite as N	*NO2-N	-	0.09	mg/l
Orthophosphate	*PO4-P	-	0.57	mg/l
pH	•pH	-	7.7	pH units
Total Phosphorous	Total Phosphorus	-	0.98	mg/l

Sample Number : 102225 Client ID: QK-02-290507 RECEIVING - WATERCOURSE  
Sample Type: Surface Water Received: 29/05/2007 Condition: Good

Analysis	Component	Specification	Result	Units
Oils/Fats/Greases	OFG	-	13	mg/l

Sample Number : 102226 Client ID: QK-01-290507 DISCHARGE FROM INTERCEPTOR  
Sample Type: Surface Water Received: 29/05/2007 Condition: Good

Analysis	Component	Specification	Result	Units
Oils/Fats/Greases	OFG	-	17	mg/l

KILDARE COUNTY COUNCIL  
RECEIVED

29 JUN 2007

ENVIRONMENTAL

Project Code : 07-10673

Report Unique ID: 12162

**Methods of Analysis****Analysis Name:**

Ammonia

BOD

COD

Chloride

Nitrate as N

Nitrite as N

Oils/Fats/Greases

Orthophosphate

Total Phosphorous

pH

**Method:**

G/67 Based on APHA 1998, 20th Edition, 4500-NH3 and bluebook Ammonia in waters 1981

G/04: Based on APHA, 1998, 20th Edition, Method 5210B. TCMP Nitrification inhibition.

G/03: Based on APHA, 1998, 20th Edition, Method 5220D

Based on G67 Konelab

G/67 Based on APHA, 1998, 20th Edition, 4500-N02B colorimetric method

G/67 Based on APHA, 1998, 20th Edition, 4500-N02B. Colorimetric method

G/32 Based on APHA, 1998, 20th Edition, Method 5520B

G/67 Based on APHA, 1998, 20th Edition, 4500-P.E. Ascorbic Acid Method

Persulphate digest followed by colourimetric analysis

G/05 Based on APHA, 1998, 20th Edition, Method 4500 H+B

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**Notes**

\* = INAB accredited test

\*\* = subcontracted test

\*\*\* = outside accredited range

**Conditions**

1. Reports shall not be reproduced except in full, without the expressed approval of Bord na Móna Technical Services Analytical Laboratory
2. Results contained in this report relate only to the items tested.
3. All Comments concerning this report or its contents should be forwarded to the Laboratory Manager



# KILDARE COUNTY COUNCIL ENVIRONMENT SECTION

## Laboratory Instruction & Sample Chain of Custody

**KCC 632**

Sampling Location: <b>QK - Monread</b>	Sample Type: <b>Surface Water</b>
	Sampling Date: <b>29/5/07</b>
	Sampling Time: <b>2.30 - 3.30 pm</b>
Sampler: <b>G. McDermott</b>	Delivered by: <b>G. McDermott</b>
Delivered to: <b>Bra More</b>	Refrigerated: <b>NA</b>

Laboratory: <b>Bra More</b>	Collected by:
Received by: <b>H. Gough</b>	Sample Condition:
Date: <b>29.5.07</b>	Time:

Parameter	Sample ID	
	<b>QK-01-290507</b>	<b>QK-02-290507</b>
B.O.D.	✓	✓
C.O.D.	✓	✓
Suspended Solids		
pH	✓	✓
Total Phosphorus	✓	✓
Orthophosphate	✓	✓
Oils/fats/grease	✓	✓
Ammonia	✓	✓
Nitrite	✓	✓
Nitrate	✓	✓
Total Nitrogen		
T.O.N.		
Total Chromium		
Chloride	✓	✓
Total Coliforms		
Faecal Coliforms		
Detergents/MBAS		

Comment	<b>QK-01-290507 @ Interceptor</b>
	<b>QK-01-290507 @ 1/2 way to feeder of force</b>

Signature:

*G. McDermott*