

# Comhairle Contae Chorcaí Cork County Council

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Noeleen Roche  
Office of Licencing and Control  
Environmental Protection agency  
Johnstown Castle Estate  
County Wexford  
Ireland

Subject :IPPC Reg. No. P0404-02,Dairygold Co-operative Society Ltd, Mitchelstown Co. Cork

5<sup>th</sup> April 2007

Dear Ms Roche ,

I wish to acknowledge receipt of the correspondence regarding the sanitary Authority response to a Section 99 request regarding a consent to discharge in relation to the above named premises. The response is attached to this letter and outlines the council's comments in relation to the applicant's review of the consent to discharge under Section 99 of the EPA Act which the agency are currently processing.

Cork County Council wish to advise the agency of the following issues in relation to this application

- a. The assimilative capacity for phosphorus should be calculated using the 95% percentile value for flow as previously advised by the agency. The applicants information is calculated using median flow and this is not acceptable to Cork County Council for assessment of applications
- b. If the 95% percentile values are used then the background Phosphorus concentration will be increased by 0.066mg/l of Orthophosphate causing the Funchion River at the discharge location to be further in breach of the Phosphate Regulations. Cork County Council have requested that there be no increase in Phosphorus above the limits previously permitted from the above site. Cork County Council will also request a review of the above Phosphorus discharge limits if the water quality status at the discharge location is disimproved and the Q rating for the site is reduced as a consequence of monitoring under the Phosphate Regulations and the Water Framework Directive.

Should you have any queries or clarification my contact details are supplied below

Phone no. 021-4532700/ E mail [valerie.hannon@corkcoco.ie](mailto:valerie.hannon@corkcoco.ie)

Yours Sincerely

A handwritten signature in black ink, appearing to read 'Valerie Hannon'.

Valerie Hannon,  
Executive Scientist  
Environment Directorate CCC

Environmental  
Protection Agency

11 APR 2007

C.C. Jacinta Reynolds Senior Scientist, Environment Directorate, Cork County Council  
C.C. Brendan O'Gorman, Senior Executive Engineer, Water Services North, Cork County Council  
C.C. File copy



Environment Directorate  
Cork County Council  
Inniscara  
Cork  
Attn: Ms Patricia Power, Director of Environment

Headquarters, PO Box 3000  
Johnstown Castle Estate  
County Wexford, Ireland  
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LoCall: 1890 33 55 99

15 November 2006

Reg No: P0404-02

Dear Environment Directorate

I am to advise you that the Agency is currently revising the existing IPPC licence (Reg. No. P0404-01 granted to Dairygold Co-operative Society Limited, Castlefarm Centre and Clonmel Road Centre, Mitchelstown, Cork). A copy of the information submitted in relation to the review, (Reg. No. P0404-02) is available to view on the Agency's website at [www.epa.ie](http://www.epa.ie).

The licensee proposes as part of the request to review to provide for changes to the discharge of process effluent to the sanitary authority's sewer. Process effluent includes trade effluent and other matter (other than domestic sewage or storm water). Details of the proposed emissions to the sanitary authority's sewer are contained in the submitted review information.

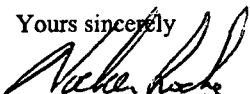
I would appreciate it if you could confirm whether or not an Order under Section 22 of the Local Government (Water Pollution) (Amendment) Act, 1990, was made and confirmed by your Council, and if so, could you please furnish the Agency with a copy of same.

This being the case and in accordance with Section 99E of the Environmental Protection Agency Acts 1992 and 2003 I am to request your consent to the proposed discharge. To this end, I enclose Attachment No. D.3.A of the review application form. I should also add that in accordance with the requirements of the EPA Acts, your consent may be subject to such conditions as the authority considers appropriate. Your attention is drawn to paragraph (4) of the attached copy of the relevant section of the Act as amended. For your convenience please find attached a reply form including a list of draft conditions compiled by the Agency.

In accordance with paragraph (2) of this section of the Act, you are requested to forward your response within 5 weeks of the date of this letter, i.e. 20<sup>th</sup> December 2006. Please note that any decision given after the expiry period shall be invalid and in those circumstances the Agency may proceed to grant the licence concerned as if consent was obtained. Inspector Sean O'Donoghue is dealing with this matter and can be contacted at the Licensing Unit of the Agency, Tel. No. 021 - 4875540 if you have any queries.

Again, your co-operation in this matter is appreciated.

Yours sincerely



Noeleen Roche  
Licensing Unit  
Office of Licensing & Guidance



### SANITARY AUTHORITY RESPONSE

**Name of Sanitary Authority:** *Cork County Council*

**Address:** *Inniscara  
Cork  
Attn: Ms Patricia Power, Director of Environment*

**Name of Facility:** *Dairygold Co-operative Society Limited* **IPPC Reg. No:** *P0404-02*

**Address:** *Castlefarm Centre & Clonmel Road Centre  
Mitchelstown  
Cork*

**Consent:** Indicate Yes to one of the following statements:

Consent granted subject to the consent conditions outlined below.	Yes
Consent granted without conditions.	/
Consent refused <sup>Note 1</sup> .	/

**Note 1** Where it is proposed to refuse permission the reasons for the refusal should be clearly outlined in the response.

GENERAL CONSENT CONDITIONS	Condition to be Included (Yes/No)
1. No specified emission from the installation shall exceed the emission limit value set out in <i>Schedule B: Emissions Limits to Sewer</i> . There shall be no other emission to sewer of environmental significance.	Yes
2. The licensee shall carry out such sampling, analyses, measurements, examinations, maintenance and calibrations as out in <i>Schedule C</i> .	Yes
3. Monitoring and analyses equipment shall be operated and maintained as necessary so that monitoring accurately reflects the emission or discharge.	Yes
4. The licensee shall permit authorised persons, of the Agency and Sanitary Authority, to inspect, examine and test, at all reasonable times, any works and apparatus installed in connection with the process effluent and to take samples of the process effluent.	Yes
5. All automatic monitors and samplers shall be functioning at all times (except during maintenance and calibration) when the activity is being carried on unless alternative sampling or monitoring has been agreed in writing by the Agency for a limited period. In the event of the malfunction of any continuous monitor, the licensee shall contact the Agency as soon as practicable, and alternative sampling and monitoring facilities shall be put in place. Prior written agreement for the use of alternative equipment, other than in emergency situations, shall be obtained from the Agency.	Yes
6. The licensee shall record all sampling, analyses, measurements, examinations, calibrations and maintenance carried out in accordance with the requirements of this licence.	Yes
7. The licensee shall provide safe and permanent access to all on-site sampling and monitoring points and off-site points as required by the Agency	Yes
8. The licensee shall at no time discharge or permit to be discharged into the sewer any liquid matter or thing that is or may be liable to set or congeal at average sewer temperature or is capable of giving off any inflammable or explosive gas or any acid, alkali or other substance in sufficient concentration to cause corrosion to sewer pipes, penstock and sewer fittings or the general integrity of the sewer.	Yes
9. In the event of any incident which relates to discharges to sewer, having taken place, the licensee shall notify the Agency, Local Authority and Sanitary Authority as soon as practicable after the incident.	Yes

**ADDITIONAL GENERAL CONSENT CONDITIONS**  
In respect of discharges or emissions to sewers, in accordance with Section 99E  
of the Environmental Protection Agency Acts 1992 and 2003  
(Specify, if required)

The following discharge conditions will be accepted into the CCC sewer subject to a potential review should the classification and Water Quality status of the receiving waters be amended as a result of the P Regs and Water Framework Directive. The applicant is further advised that there shall be no increase in phosphorus loadings from those previously permitted under the previous IPC licence.

# Limit Values for Process Effluent to Sewer

## Schedule B: Emission Limits

Emission point reference no: SED / C P2

Emission to (sewer description): emission to sewer at Mitchelstown

Volume to be emitted: Maximum in any one day: 10,000 m<sup>3</sup>  
Maximum rate per hour: 450 m<sup>3</sup>

Parameter (delete parameters which are not applicable)	Emission Limit Value	
	Daily Mean Concentration (mg/l)	Daily Mean Loading (kg/day)
BOD	15	150
COD	80	800
Suspended Solids	15	150
pH	6.5 - 9.0	
Temperature	25°C	
<b>ADDITIONAL PARAMETERS</b> (if required)		
Total Nitrogen - N	15 mg/l	
Ammonia - N	2 mg/l	
Detergents	2 mg/l	
Fats Oil, Grease	< 10 mg/l	
Sulphates	600 mg/l	
Ortho phosphate - P.	Absolute Max of 4.45 kg / Day	
Ortho phosphate - P.	0.445 mg	0.445 mg/l
Total Heavy Metals	1.0 mg/l	
Chloride	250 mg/l	

ELV.  
values  
only.

① \*

Note 1 excludes Fe and Mn metals.

# Frequency of Monitoring Process Effluent to Sewer

## Schedule C

Emission point reference-no: SEC / CF2.

Parameter (delete parameters which are not applicable)	Monitoring Frequency (e.g. monthly, quarterly, annually)	Sample Type (grab, composite)
Flow to sewer	Continuous	/
Temperature	Continuous	/
pH	Continuous	/
BOD	Weekly	Composite
COD	Daily	Composite
Suspended Solids	Daily	Composite
<b>ADDITIONAL PARAMETERS</b> (if required)		
Total Nitrogen	Monthly	Composite
Ammonia	Weekly	"
Detergents	Annually	"
Fats Oil, Grease	Monthly	"
Sulphates	Annually	"
Total Heavy Metals	Bi-annually	"
Orthophosphate	Weekly	"
Chloride	Monthly	

Signed on behalf of Sanitary Authority: V. Hama

annual monitoring cost by CCC is €1300 per annum.

Applicant may be subject to charges as set by CCC for the use of sewer under Water Pricing Policy and Water Metering Charges.

## Section 99E of the Environmental Protection Agency Acts 1992 and 2003

**99E.-** (1) Where the Agency proposes to grant a licence (including a revised licence) which involves a discharge of any trade effluent or other matter (other than domestic sewage or storm water) to a sewer, it shall obtain the consent of the sanitary authority in which the sewer is vested, or by which the sewer is controlled, to such a discharge being made.

(2) Where consent is sought in accordance with subsection (1), the Agency may specify a period (which period shall not in any case be less than 4 weeks from the date on which the consent is sought) within which the consent may be granted subject to, or without, conditions or refused; any consent purporting to be granted (whether subject to or without conditions) after the expiry of that period, or any decision given purporting to refuse consent after that expiry, shall be invalid and in those circumstances the Agency may proceed to grant the licence concerned as if the requirements of subsection (1) had been satisfied.

(3) Subject to subsection (4), a consent under subsection (1) may be granted subject to or without conditions and if it is granted subject to conditions the Agency shall include in the licence or revised licence concerned conditions corresponding to them or, as the Agency may think appropriate, conditions more strict than them.

(4) The conditions that may be attached to a consent by a sanitary authority under this section are the following and no other conditions, namely conditions-

(a) relating to-

(i) the nature, composition, temperature, volume, level, rate, and location of the discharge concerned and the period during which the discharge may, or may not, be made,

(ii) the provision, operation, maintenance and supervision of meters, gauges, manholes, inspection chambers and other apparatus and other means for monitoring the nature, extent and effect of emissions,

(iii) the taking and analysis of samples, the keeping of records and furnishing of information to the sanitary authority,

(b) specifying a date not later than which any conditions attached under this section shall be complied with,

(c) relating to, providing for or specifying such other matter as may be prescribed.

(5) A sanitary authority may request the Agency to review a licence or revised licence to which this section relates-

(a) at intervals of not less than 3 years from the date on which the licence or the revised licence is granted, or

(b) at any time with the consent, or on the application, of the person making, causing or permitting the discharge, or

(c) at any time if-

(i) the sanitary authority has reasonable grounds for believing that the discharge authorised by the licence or revised licence is, or is likely to be, injurious to public health or is likely to render the waters to which the sewer concerned discharges unfit for use for domestic, commercial, industrial, fishery (including fish-farming), agricultural or recreational uses or is, or is likely to be otherwise, a serious risk to the quality of the waters,

(ii) there has been a material change in the nature or volume of the discharge,

(iii) there has been a material change in relation to the waters to which the sewer concerned discharges, or

(iv) further information has become available since the date on which the licence or revised licence was granted relating to polluting matter present in the discharge concerned or relating to the effects of such matter,

and the Agency shall consider and may comply with such request and shall have regard to any submission on the matter received from the sanitary authority.

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