

# Comhairle Chontae Chorcaí

## Cork County Council

Environmental Department,  
Inniscarra Laboratories,  
Inniscarra,  
Co. Cork.

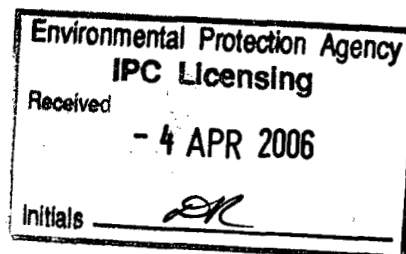


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Sonja Smith,  
Programme Officer  
Office of Licencing and Control  
Environmental Protection agency  
Johnstown Castle Estate  
County Wexford  
Ireland



Subject :IPPC Reg No. 769 Cognis Little Island, Co. Cork)

3<sup>rd</sup> April 2006

Dear Ms Smith ,

I wish to acknowledge receipt of the correspondence regarding the sanitary Authority response to Section 99 regarding a consent to discharge in relation to the above named premises.

The completed section 99 with respect to IPPC Reg No. 769 Cognis ,Little Island, Co. Cork is attached to this letter

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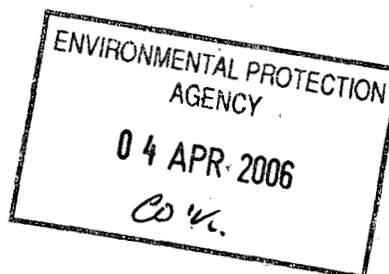
Should you have any queries or clarification my contact details are supplied below

Phone no. 021-4532700

E mail [valerie.hannon@corkcoco.ie](mailto:valerie.hannon@corkcoco.ie)

Yours Sincerely

*V. Hannon*  
Valerie Hannon,  
Executive Scientist  
Wastewater Laboratory



**EPA**

MAIN FILE ☒  
PUBLIC FILE ☒  
EVALUATION FILE ☒ NO'C  
DATE 4/04/06



### SANITARY AUTHORITY RESPONSE

Name of Sanitary Authority: *Cork County Council*

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

Name of Facility: *Cognis Ireland Limited*

IPPC Reg. No: *769*

Address: *Little Island  
County Cork*

Consent: Indicate Yes to one of the following statements:

Consent granted subject to the consent conditions outlined below.	<i>yes</i>
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.	<i>yes</i>
2. The licensee shall carry out such sampling, analyses, measurements, examinations, maintenance and calibrations as set out in <i>Schedule C</i> .	<i>yes</i>
3. Monitoring and analyses equipment shall be operated and maintained as necessary so that monitoring accurately reflects the emission or discharge.	<i>yes</i>
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.	<i>yes</i>
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.	<i>yes</i>
6. The licensee shall record all sampling, analyses, measurements, examinations, calibrations and maintenance carried out in accordance with the requirements of this licence.	<i>yes</i>
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	<i>yes</i>
8. The licensee shall at no time discharge or permit to be discharged into the sewer any liquid matter or thing which 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.	<i>yes</i>
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.	<i>yes</i>

**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)

Charging Mechanism to be reviewed  
by Cork County Council when final  
decisions on charging are agreed by  
Cork Co. Council with respect to discharges  
to Carrigrohane WWTP.

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# Limit Values for Process Effluent to Sewer

## Schedule B: Emission Limits

Emission point reference no: SE 1

Emission to (sewer description): Little Island

Volume to be emitted: Maximum in any one day: 800 m<sup>3</sup>  
Maximum rate per hour: 40 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	/	1800.
COD	/	4000.
Suspended Solids	/	100.
pH	6.0	9.0.
Temperature		25°C
ADDITIONAL PARAMETERS (if required)		
Ammonia	10	Kg 1 Day
Nitrate (oxidised Nitrogen)	4.5	Kg 1 Day
Total Phosphorus	5	Kg 1 Day
Sulphates	1000	mg/l
Fats Oil Grease	20	mg/l
Detergents	10	mg/l Nitrogen

# Frequency of Monitoring Process Effluent to Sewer

## Schedule C

Emission point reference no: SE 1

Parameter (delete parameters which are not applicable)	Monitoring Frequency (e.g. monthly, quarterly, annually)	Sample Type (grab, composite)
Flow to sewer	Daily	—
Temperature	Daily	
pH	Daily	<sup>VH</sup> Sp. Comp
BOD	Monthly	Comp
COD	<sup>VH</sup> Weekly Daily	Comp
Suspended Solids	Weekly	Comp
<b>ADDITIONAL PARAMETERS</b> (if required)		
Ammonia	Weekly	Comp
Nitrate (Oxidised Nitrogen)	Weekly	Comp
Phosphorus (Total)	Monthly	Comp
Sulphate	Weekly	Comp
Fats Oil, Grease	Monthly	Comp
<del>Petroleum</del>	<del>Annually</del>	<del>Comp</del> <sup>VH</sup>

SANITARY AUTHORITY CHARGES	
Charge per cubic metre of process effluent	as per agreement with C.C.
Payment Frequency	" " " "
Annual Monitoring Costs	£1000

charges to be paid as per current agreement  
charging Mechanism may be reviewed after.

Signed on behalf of Sanitary Authority: V. Hamon

Review by Cork Co.  
Council of  
charging Mechanisms

VH.

## 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) providing for the payment by the licensee to the sanitary authority concerned of such amount or amounts as may be determined by the sanitary authority having regard to the expenditure incurred or to be incurred by it in monitoring, treating and disposing of discharges of trade effluent, sewage effluent and other matter to sewers in its functional area or a specified part of its functional area,

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

(d) 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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**Valerie Hannon**

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**From:** Noel O'Keeffe  
**To:** Valerie Hannon  
**Cc:** Isabel Jones; Robert O'Farrell  
**Subject:** Cognis Ireland  
**Attachments:**

**Sent:** Thu 23/03/2006 15:28

Valerie ,

i confirm that from A charging standpoint we have no objection to the change in licencing conditions in the short term , I have confirmed with Eamonn Walsh, SE City Council that they will accept revised standaerds at the same charge ,which is volumetric . however i have informed Cognis that our charging mechanisms are currently under review and they accept this

Noel

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