



ENVIRONMENTAL PROTECTION AGENCY

- 6 DEC 2006

RICHVIEW
OFFICE OF LICENSING & GUIDANCE

1809-01.
Dublin City Council

Comhairle Cathrach Bhaile Átha Cliath

ENVIRONMENTAL PROTECTION AGENCY ACTS 1992 and 2003

SECTION 99E: DISCHARGES TO SEWERS

I.P.P.C. REG NO. PO809-01

NOTICE TO:

**Environmental Protection Agency,
Headquarters,
Ardcavan,
Co. Wexford.**

Dublin City Council, Sanitary Authority, in exercise of the powers and obligations conferred on it by the Environmental Protection Agency Acts, 1992 and 2003, hereby **consents, subject to the conditions stated overleaf**, to the discharge of trade effluent from the under mentioned premises to the sewer detailed below:

PREMISES:

**Cadbury Ireland Ltd,
Malahide Road,
Coolock,
Dublin 5.**

ACTIVITY:

Manufacture of chocolate products

NATURE OF DISCHARGE

Effluent from production process

SEWER:

Foul Sewer traversing the site

SIGNED



Executive Manager

Dated:

this 5th day of December 2006

General Consent Conditions	Condition to Be included yes/no
1.No specified emission to sewer shall exceed the emission limit value or load set out in <i>Schedule B :Emissions 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 as set out in schedule C.	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 the Sanitary Authority to inspect, examine and test, at all reasonable times, any works and apparatus installed in connection with the trade effluent and to take samples of the trade 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	
10. No substance shall be present in such concentrations as would constitute a danger to sewer maintenance personnel working in the sewerage system or would be injurious to the construction of the sewer or would interfere with the operation of the downstream wastewater treatment plant Yes	
11. No emission to sewer shall take place which gives rise to any reaction within the sewer or to the liberation of by-products which may be of environmental significance.	
12. The licensee shall ensure that the effluent shall not contain petroleum hydrocarbons or organic solvents (including chlorinated organic solvents) which would give rise to flammable or explosive vapours in the sewer.	
13. A summary report of the results of analysis of effluent discharged to the sewer <u>with relevant volumes discharged</u> shall be forwarded to the sanitary authority on a quarterly basis.	
14. Non trade effluent wastewater (e.g. firewater, accidental spillages) which occurs on site shall not be discharged to the sewer without the prior authorisation of Dublin City Council.	
15. A log detailing the usage of all cooling water and boiler water treatment chemicals shall be kept by the Licensee and submitted to Dublin City Council on an annual basis.	
16. Best Available Technology (BAT) for the relevant class (7.8) shall be used to prevent, minimise, manage and treat pollutants in the wastewater stream discharging to foul sewer under this consent. A report shall be prepared and submitted to the Agency and Dublin City Council within 6 months of the date of issue of this licence examining on-site and off site BAT options.	
17. The Licensee shall maintain, or have maintained th on-site effluent treatment systems.	

Limit Values for Trade Effluent to Sewer

Schedule (B) - Emissions to Sewer

Emission to (*sewer description*): Foul Sewer Traversing the site

Volume to be emitted: Maximum in any one day: 450 M³
Maximum rate per hour _____ m³

Parameter (delete parameters which are not applicable)	Emission Limit Value			Parameter to be limited (yes/no)
	Grab SAMPLE (mg/l)	Daily Mean Concentration (mg/l)	Daily Mean Loading (kg/day)	
B.O.D.		3,000	1,350 PE=22,500	Yes
C.O.D.		6,000	2,700	Yes
Suspended Solids		1,500	675	Yes
Oils,Grease,Fats		400	180	Yes
pH	6 – 10			Yes
Temperature	42 degrees Centigrade (maximum)			Yes
ADDITIONAL PARAMETERS				
Phosphates (as PO ₄ – P)		50	22.5	Yes

Frequency of Monitoring Trade Effluent to Sewer

Schedule C - Monitoring of Emissions to Sewer

Parameter <i>(delete parameters which are not applicable)</i>	Monitoring Frequency	Sampling Method/Type <i>(grab/continuous)</i>
Flow to sewer	Continuous	Continuous
B.O.D.	Monthly	24 hour composite sample
C.O.D.	Monthly	24 hour composite sample
Suspended Solids	Monthly	24 hour composite sample
Fats,Oils,Grease	Monthly	24 hour composite sample
Temperature	Continuous	Continuous
pH	Continuous	Continuous

SANITARY AUTHORITY CHARGES

Charges as approved by the Sanitary Authority and based on volume and load, will be applied at appropriate intervals.

The licensee shall pay an annual charge of €1524 to the Sanitary Authority towards the cost of monitoring the trade effluent. This amount will be revised from time to time.

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Notes:

The following general conditions will be included in addition to those selected above:

- (a) *The licensee shall notify the Sanitary Authority of any incident with the potential for environmental contamination of surface water or groundwater, or posing a threat to land, or a sanitary authority sewer or personnel working in connection with a sewer or requiring an emergency response by the local authority.*
- (b) *The licensee shall notify the local authority as soon as is practicable, after the occurrence of any one of the following:*
- (i) any incident with the potential for environmental contamination of surface water or groundwater, or posing a threat to land, or a Sanitary Authority sewer or personnel working in connection with a sewer, or requiring an emergency response by the local authority*
 - (ii) any emission which relates to a discharge to sewer which does not comply with the requirements of this licence.*
- (c) *Emission limits for emissions to sewer shall be interpreted as follows (condition 3)*
For Continuous Monitoring:
No flow value shall exceed the specified limit.
- For Non Continuous Monitoring:*
No pH value shall deviate from the specified rate.
No temperature value shall exceed the emission limit value.
For parameters other than pH, temperature and flow, eight out of ten consecutive results calculated as daily mean concentration or mass emission values on the basis of flow proportional composite sampling, shall not exceed the emission limit value. No individual result similarly calculated shall exceed 1.2 times the emission limit value.
For parameters other than pH, temperature and flow, no grab sample value shall exceed 1.2 times the emission limit value.
- (d) *The licensee shall provide safe and permanent access to the final effluent as discharged to the sewer.*
- (e) *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*

- (f) The equipment, including backup equipment, specified in Schedule 2(111) Effluent Treatment Control of this licence, shall be provided on-site. All treatment/abatement, control and monitoring equipment shall be calibrated and maintained at all times when in use, in accordance with the information submitted in Table 15(11) of the IPC licence application or as otherwise approved by the Agency under the EMP.

Signed:

B. White
Deputy City Engineer,

Dated:

this 30th day of Nov. 2006

Enquiries in connection with this consent should be made to:

The Principal Officer
Engineering Department
Civic Offices
Fishamble Street
Dublin 8.

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