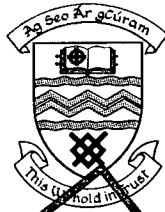
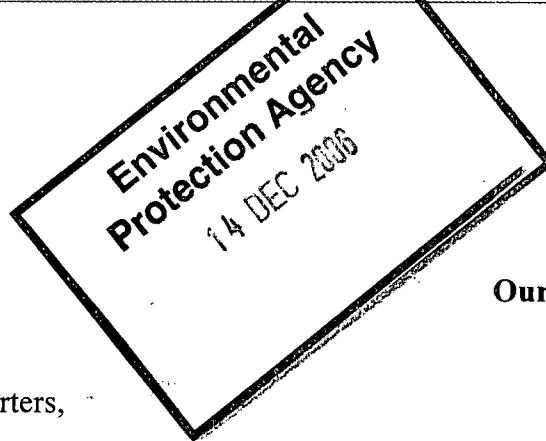


**SOUTH DUBLIN COUNTY COUNCIL  
COMHAIRLE CONTAE ÁTHA CLIATH THEAS**

Halla an Chontae, Lár an Bhaile  
Tamhlacht, Baile Átha Cliath 24  
Telefon: 01-4149000  
Facs: 01-4149101



**Environmental Services Dept.**  
County Hall, Town Centre  
Tallaght, Dublin 24  
Telephone: 01-4149000  
Fax: 01-4149101  
Website: [www.sdcc.ie](http://www.sdcc.ie)  
[environment@sddublin.ie](mailto:environment@sddublin.ie)



**Our Ref: EPA/048**

Ann Bosley,  
Licencing Unit,  
E.P.A. Headquarters,  
P.O. Box 3000,  
Johnstown Castle Estate,  
Co. Wexford.

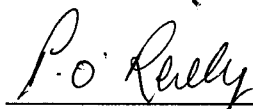
**Date: 12th December 2006**

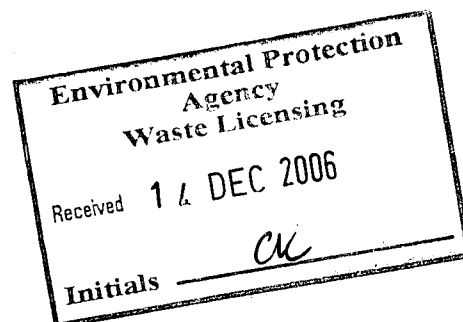
**Re/ Diageo Baileys Global Supply - EPA Waste Licence Reg. No. P0807-01**

Dear Ms. Bosley,

I enclose herewith, Sanitary Authority Consent Conditions under Section 99E of the Environmental Protection Agency Acts 1992 and 2003 for licence to discharge trade effluent from the above company.

Yours faithfully,

  
\_\_\_\_\_  
**Patricia O'Reilly,**  
**Staff Officer,**  
**Water & Drainage Section.**



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**SANITARY AUTHORITY CONSENT CONDITIONS**

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

**Name of Sanitary Authority:** South Dublin County Council

**Address:** Environmental Services Department,  
County Hall,  
Town Centre,  
Tallaght,  
Dublin 24.

**Name of Facility:** Diageo Baileys Global Supply,  
Nangor House,  
Nangor Road,  
Dublin 12.

**IPPC Register Number:** P0807-01

Consent granted to consent conditions outlined below	Yes
Consent granted without conditions	
Consent refused	

In respect of discharges or emissions to sewer, the Sanitary Authority requires the conditions indicated by a "Yes" in the right-hand column below, to be included in any waste licence, which the Agency may propose to grant, in respect of the above referenced waste licence application, in accordance with Section 99E of the Environmental Protection Agency Acts 1992 and 2003

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 Schedule B : <i>Emission 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 set 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 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 process effluent.	Yes
5. All automatic monitors and samplers shall be functioning at all times (except during maintenance and calibration) when the activities are being carried out 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 alternate 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. 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 operations of the Ringsend Wastewater Treatment Plant.	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
10. 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.	Yes
11. 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.	Yes
12. A report of the results of analysis of effluent discharged to the sewer with relevant volumes discharged shall be forwarded to the sanitary authority on a quarterly basis to enable the calculation of charges under the Mogden Formula.	Yes
13. 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 South Dublin County Council.	Yes
14. 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.	Yes

#### ADDITIONAL GENERAL CONSENT CONDITIONS

15. A log detailing the usage of all boiler water treatment chemicals shall be kept by the Licensee and submitted to South Dublin County Council on an annual basis.
16. Best available technology (BAT) for the relevant Class 7.8(a) shall be used to <b>prevent, minimise, manage and treat pollutants</b> in the trade effluent discharged to foul sewer within 12 months of the date of issue of this consent.
<p>17. The Licensee shall prepare a report on daily effluent flow and quality management. This report shall examine BAT options for trade effluent flow and organic load minimisation on site. It shall review options for recycling of spillages, concentrated out of specification raw materials, finished products and final CIP rinsewaters from the :</p> <ul style="list-style-type: none"> <li>• raw materials storage areas</li> <li>• pilot plant area</li> <li>• general manufacturing areas</li> <li>• bottling lines</li> </ul> <p>This report shall be submitted to South Dublin County Council and the Agency within 3 months of the date of issue of this IPPC licence.</p>

18. The Licensee shall maintain, or have maintained the on-site effluent treatment systems.

### Limit Values for Trade Effluent to Sewer

#### Schedule B - Emissions to Sewer

Emission point reference no: **SE-1**

Emission to (sewer description): Adjacent to the Effluent Treatment Plant

Grid Reference : **30898E, 23202N**

Volume to be emitted: Maximum in any one day : **600.0 m<sup>3</sup>**

Annual Mean Daily : **540.0 m<sup>3</sup>**

Maximum rate per hour : **m<sup>3</sup>**

Parameter	Emission	Limit Value		Parameter to be limited (Yes/No)
	<b>Grab</b>	<b>Daily Mean</b>	<b>Daily Mean</b>	
	<b>Sample</b>	<b>Concentration</b>	<b>Loading</b>	
	<b>(mg/l)</b>	<b>(mg/l)</b>	<b>(kg/day)</b>	
BOD				
Mean Daily Load (Kg)			<b>4000.0</b>	Yes
Mean Weekly Load (Kg)			<b>(66,667 PE )</b>	
Mean Monthly Load (Kg)			<b>3000.0</b>	
Mean Annual Load (Kg)			<b>(50,000 PE)</b>	
			<b>2850.0</b>	
			<b>(47,500 PE )</b>	
			<b>2700.0</b>	
			<b>(45,000 PE )</b>	
COD				
Mean Daily Load (Kg)			<b>8000.0</b>	Yes
Mean Weekly Load (Kg)			<b>6000.0</b>	
Mean Monthly Load (Kg)			<b>5700.0</b>	
Mean Annual Load (Kg)			<b>5400.0</b>	
Suspended Solids				
Mean Daily Load (Kg)			<b>2000.0</b>	Yes
Mean Weekly Load (Kg)			<b>1500.0</b>	
Mean Monthly Load (Kg)			<b>1250.0</b>	
Mean Annual Load (Kg)			<b>1000.0</b>	

Sulphates (as SO <sub>4</sub> )		<b>400</b>	<b>240.0</b>	Yes
Oils, Fats and Greases				
Mean Daily Load (Kg)			<b>600.0</b>	Yes
Mean Annual Load (Kg)			<b>400.0</b>	
pH	<b>6 - 10</b>	<b>6 - 10</b>	-	Yes
Temperature	<b>42 degrees C</b>	<b>42 degrees C</b>	-	Yes

**ADDITIONAL PARAMETERS**

Phosphates ( as PO <sub>4</sub> -P )		100	60.0	Yes
Detergents		100	60.0	Yes

**Frequency of Monitoring Trade Effluent to Sewer****Schedule C**Emission point reference no: SE-1

Parameter	Monitoring Frequency	Sampling Method/Type (grab, continuous)
Flow to sewer	Continuous	Continuous
BOD (mg/l ) and Kg/day	Weekly	24 hour composite sample
COD (mg/l) and Kg/day	Daily	24 hour composite sample
Suspended Solids (mg/l) and Kg/day	Weekly	24 hour composite sample
Sulphates (as SO <sub>4</sub> )	Weekly	24 hour composite sample
Fats, Oils, Grease Kg/day	Weekly	24 hour composite sample
pH	Continuous	Continuous
Temperature	Continuous	Continuous

**ADDITIONAL PARAMETERS**

Phosphates ( as PO <sub>4</sub> -P ) in Kg/day	Weekly	24 hour composite Sample
Detergents Kg/day	Weekly	24 hour composite Sample
Total Nitrogen Kg/day	Monthly	24 hour composite Sample
Total Phosphorus Kg/day	Monthly	24 hour composite Sample

**SANITARY AUTHORITY CHARGES**

Charge per cubic metre of trade effluent	
Payment Frequency	
Annual Monitoring Costs	Euro 3750.00

**NOTE:** Charges are subject to price variation in the future as may be ordered by the Council.

Signed on behalf of Sanitary Authority:

