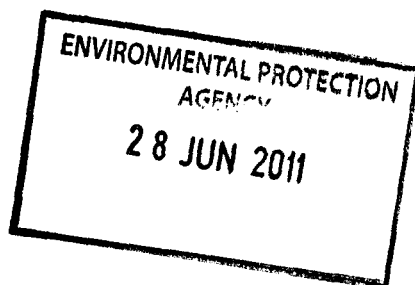




Dublin City Council
Comhairle Cathrach Bhaile Átha Cliath



Pollution Control,
Block 1, Floor 4
Civic Offices,
Fishamble Street,
Dublin 8
Ph: 2222402
Fax: 2222300

27th June 2011.

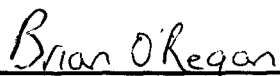
Mr. Donal Grant,
Environmental Protection Agency Headquarters,
PO Box 3000,
Johnstown Castle Estate,
Co. Wexford.

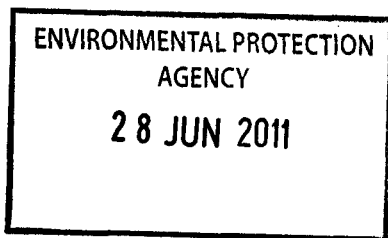
**RE: Application by the EPA for Consent to Discharge Trade Effluent to Sewers Reg. No.
PO306-02 – Forest Laboratories Ireland Ltd., Clonsillaugh Business and Technology Park,
Dublin 17.**

Dear Donal,

I refer to your request for consent for the discharge of trade effluent in relation to Forest Laboratories Ireland Ltd. A decision has been made on the 27th June 2011 to grant consent on foot of this request.

Yours sincerely,


Brian O'Regan
Clerical Officer



Dublin City Council
Comhairle Cathrach Bhaile Átha Cliath

ENVIRONMENTAL PROTECTION AGENCY ACTS 1992-2007

SECTION 99E: DISCHARGES TO SEWERS

I.P.C. LICENCE NO. (Reg. Ref.): P0306-02

NOTICE TO:

**Environmental Protection Agency,
Headquarters,
PO Box 3000,
Johnstown Castle Estate,
Co. Wexford.**

Dublin City Council, Sanitary Authority, in exercise of the powers and obligations conferred on it by the Environmental Protection Agency Acts 1992 to 2007, 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:

**Forest Laboratories Ireland Limited,
Clonsaugh Industrial Estate,
Coolock,
Dublin 17**

ACTIVITY:

Use of coating materials in processes with a capacity to use at least 10 tonnes per year of organic solvents

NATURE OF DISCHARGE

Washing of mixing vessels, tableting and film coating lines and general plant washing

SEWER:

**Foul sewer traversing the estate
SE-1 (718212.73 E, 740434.39 N)
SE-2 (717931.16 E, 740742.11 N)**

SIGNED


Executive Manager (Engineering)

Dated:

this 27 day of June 2011

Head Office, Civic Offices, Wood Quay, Dublin 8, Ireland
Ceannofig, Oifigí na Cathrach, An Ché Adhmaid, B.Á.C. 8, Éire

T. 01 222 2222 www.dublincity.ie

GENERAL CONSENT CONDITIONS (SE-1, Building 1)	Condition to be included (Yes/No)
1. No specified emission to sewer shall exceed the emission limit value <u>or load</u> set out in Schedule B : <i>Emission Limits to Sewer</i> . There shall be no other emission to sewer of environmental significance from Building 1.	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 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 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. 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
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 operations of the downstream wastewater treatment works.
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 with relevant volumes discharged shall be forwarded to the sanitary authority on an annual 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 shall be used to prevent, minimise, manage and treat pollutants in the wastewater stream discharging to foul sewer under this consent.
17. The Licensee shall maintain, or have maintained the on-site effluent treatment systems.

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Limit Values for Trade Effluent to Sewer

Schedule B - Emissions to Sewer Limits

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

Emission to (sewer description): Estate Roadway in Clonsaugh Industrial Estate

Grid Reference : **718212.73 E, 740434.39 N**

Central Laboratory Monitoring Reference : 850-59

Volume to be emitted: Maximum in any one day : **150.0** m³

Maximum rate per hour : _____ m³

Parameter	Emission	Limit Value	Parameter to be limited (Yes/No)
	Daily Mean	Daily Mean	
	Concentration (mg/l)	Loading (kg/day)	
BOD	500	75 PE = 1,250	Yes
COD	2,000	300	Yes
Suspended Solids	500	75	Yes
pH	6 - 10	-	Yes
Temperature	42 degrees C		Yes

ADDITIONAL PARAMETERS

Phosphates (as PO ₄ - P)	50	7.5	Yes
Sulphate (as SO ₄)	100	15	Yes
Fats, Oils, Grease (mg/l)	100	15	Yes

Frequency of Monitoring Process 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	Monthly	24 hour composite sample
COD	Monthly	24 hour composite sample
Suspended Solids	Monthly	24 hour composite sample
pH	Continuous	Continuous
Temperature	Monthly	Spot

ADDITIONAL PARAMETERS

(if required)

Phosphates (as PO ₄ -P)	Monthly	24 hour composite Sample
Sulphates (as SO ₄)	Monthly	24 hour composite Sample
Fats, Oils, Grease	Monthly	24 hour composite sample
Total Nitrogen	Monthly	24 hour composite Sample
Total Phosphorus	Monthly	24 hour composite Sample
Volatile Organic Carbons	Annual Screen	24 hour composite Sample
Semi-Volatile Organic Carbons	Annual Screen	24 hour composite Sample

SANITARY AUTHORITY CHARGES

Charge per cubic metre of trade effluent	
Payment Frequency	
Annual Monitoring Costs	Euro 1524.00

GENERAL CONSENT CONDITIONS (SE-2, Building 2)	Condition to be included (Yes/No)
1. No specified emission to sewer shall exceed the emission limit value <u>or load</u> set out in Schedule B : <i>Emission Limits to Sewer</i> . There shall be no other emission to sewer of environmental significance from Building 1.	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 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 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. 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
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 operations of the downstream wastewater treatment works.
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 an annual 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 shall be used to prevent, minimise, manage and treat pollutants in the wastewater stream discharging to foul sewer under this consent.
17.	The Licensee shall maintain, or have maintained the on-site effluent treatment systems.

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Limit Values for Trade Effluent to Sewer

Schedule B - Emissions to Sewer Limits

Emission point reference no: **SE-2**

Emission to (sewer description): Estate Roadway in Clonsaugh Industrial Estate

Grid Reference : **717931.16 E, 740742.11 N**

Central Laboratory Monitoring Reference : **851-71**

Volume to be emitted: Maximum in any one day : **85.0** m^3

Maximum rate per hour : m^3

Parameter	Emission	Limit Value	Parameter to be limited (Yes/No)
	Daily Mean	Daily Mean	
	Concentration (mg/l)	Loading (kg/day)	
BOD	500	42.5 PE = 710	Yes
COD	2,000	170	Yes
Suspended Solids	500	42.5	Yes
pH	6 - 10	-	Yes
Temperature	42 degrees C		Yes

ADDITIONAL PARAMETERS

Phosphates (as PO_4 - P)	50	4.25	Yes
Sulphate (as SO_4)	100	8.5	Yes
Fats, Oils, Grease (mg/l)	100	8.5	Yes

Frequency of Monitoring Process Effluent to Sewer

Schedule C

Emission point reference no: **SE-2**

Parameter	Monitoring Frequency	Sampling Method/Type (grab, continuous)
Flow to sewer	Continuous	Continuous
BOD	Monthly	24 hour composite sample
COD	Monthly	24 hour composite sample
Suspended Solids	Monthly	24 hour composite sample
pH	Continuous	Continuous
Temperature	Monthly	Spot

ADDITIONAL PARAMETERS

(if required)

Phosphates (as PO ₄ -P)	Monthly	24 hour composite Sample
Sulphates (as SO ₄)	Monthly	24 hour composite Sample
Fats, Oils, Grease	Monthly	24 hour composite sample
Total Nitrogen	Monthly	24 hour composite Sample
Total Phosphorus	Monthly	24 hour composite Sample
Volatile Organic Carbons	Annual Screen	24 hour composite Sample
Semi-Volatile Organic Carbons	Annual Screen	24 hour composite Sample

SANITARY AUTHORITY CHARGES	
Charge per cubic metre of trade effluent	
Payment Frequency	
Annual Monitoring Costs	Euro 1524.00

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Signed:

P. Connolly

Executive Manager (Engineering)

Dated:

this 27 day of Jul. 2011

Enquiries in connection with this consent should be made to:

**The Executive Manager
Environment and Engineering Department
Civic Offices
Fishamble Street
Dublin 8.**

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