

SOUTH DUBLIN COUNTY COUNCIL
COMHAIRLE CONTAE ÁTHA CLIATH THEAS

SS2 Reply
55-2

Halla an Chontae
Lár an Bhaile, Tamhlacht
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Environmental
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County Hall
Town Centre, Tallaght
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16/11/2005

Ms. Noeleen Keavey
Programme Officer
Licensing Unit
Office of Licensing & Guidance
Environmental Protection Agency
Headquarters, PO Box 3000
Johnstown Castle Estate
County Wexford



Our ref.: EPA/028
Re: Waste Reg. No. 55-1 (Review)
Central Laboratory Monitoring Reference: 86504

Discharge of Trade effluent to Public Sewer Section 52 Consent Review


Sterile Technologies trefand Ltd, Units 420-430 Beech Road,
Western Industrial Estate, Dublin 12

Dear Ms. Keavey,

I refer to the above application for a review of Waste Licence and your letter dated 4th May 2005 requesting consent under Section 52 of the Waste Management Act 1996 for discharge of trade effluent to sewer.

Please find attached the consent conditions of South Dublin County Council. If you have any queries in this regard please contact me.

Yours faithfully,


Moira Wansborough
For Senior Staff Officer
Water & Drainage Section
Environment Department
mwansborough@sdblincoco.ie

Excellence Through People
Awarded 2004



PLEASE NOTE:

SOUTH DUBLIN COUNTY COUNCIL HAS DEALT WITH THESE CONSENTS SEPARATELY: ONE AS A REVIEW OF A CONSENT AND THE SECOND AS A FRESH APPLICATION. HOWEVER, YOU MAY WISH TO INCORPORATE BOTH INTO THE ONE EPA LICENCE.

IF YOU HAVE ANY QUERIES IN THIS REGARD PLEASE CONTACT MR. COLM O'SHEA, POLLUTION OFFICER, SOUTH DUBLIN COUNTY COUNCIL PH 087 6814373.

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SANITARY AUTHORITY CONSENT CONDITIONS

Name of Sanitary Authority: South Dublin County Council

Address: County Hall, Town Centre,
Tallaght, Dublin, **24**

Waste Facility: **420 and 430** Beech Road,
Western Industrial Estate, Dublin **12**

WasteReg. Number: **55-1** (Review)

Waste Licence Application: Sterile Technologies Ireland Limited

**Central Laboratory
Monitoring Reference:** **86504**

Consent granted subject 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 **52** of the ~~Waste~~ **Waste Management Act, 1996.**

<u>GENERAL CONSENT CONDITIONS</u>	Conditions to be included (Yes/No)
1. No specific discharge or emission to sewer shall exceed the emission limit value set out in Schedule B: Emission Limits to Sewer. There shall be no other discharge or emission to sewer of environmental significance.	Yes
2. The Licensee shall carry out such sampling, analysis, measurements, examinations, maintenance and calibrations as set out in Schedule C.	Yes
3. Monitoring and analytical equipment shall be operated and maintained as necessary so that monitoring accuracy reflects the discharge or emission.	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. The Licensee shall record all sampling, analyses, measurements, examinations, calibrations and maintenance carried out in accordance with the requirements of this licence.	Yes
6. The Licensee shall at no time discharge or permit to be discharged into the sewer any liquid, matter or other 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
7. In the event of any incident which relates to discharge to sewer, having taken place, the Licensee shall notify the Agency, Local Authority and Sanitary Authority as soon as practicable after the incident.	Yes

<u>ADDITIONAL GENERAL CONSENT CONDITIONS</u>
In respect of discharges or emissions to sewers in accordance with Section 52 of the Waste Management Act, 1996 (specify if required)
8. The Licensee shall submit monitoring results to the Sanitary Authority on an annual basis. Results of the microbiological screening programme specified in Schedule C of this licence shall be reported to the Sanitary Authority on a quarterly basis.
9. Trade effluent shall be screened prior to discharge to remove gross solids and avoid blockages in the sewer.
10. The trade effluent shall not contain active viruses, pathogens and/or unsterilised body fluids.
11. No discharge or 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. 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.
13. The Licensee shall ensure that the discharge shall not contain dissolved methane, petroleum spirits or organic solvents (including chlorinated solvents) at concentrations, which would give rise to flammable or explosive vapours in the sewer.
16 The charge rate for the collection, treatment and disposal of trade effluent arising on site shall be in accordance with the South Dublin County Council Consolidated Water Charges Policy.

SCHEDULE B
of ~~Sanitary~~ Authority Consent Conditions
per Section 52 of the Waste Management Act 1996 to 2003

Emissions to Sewer – Limit Values

Waste Licence Register No.: **W 55-1**

Emission Point Reference No: **FW - 1 (E 309134 N 231360)**

Emission to (sewer description): **Foul sewer on Beech Road**

Volume to be emitted: **Maximum in any one day (m³): 20**
Maximum rate per hour (m³): 5

Parameter (delete parameters which are not applicable)	Emission Limit Value			Parameter to be <u>limited</u> (Yes/No)
	Grab Sample (mg/l)	Daily Mean Concentration (mg/l)	Daily Mean Loading (kg/day)	
<u>BOD</u>	1,000	800	16.0	Yes
<u>COD</u>	3,000	2,400	48.0	Yes
<u>Suspended Solids</u>	500	400	80	Yes
<u>Sulphates (as SO₄)</u>				
<u>Ph</u>	6 to 10			Yes
<u>Temperature</u>	42 degrees C			Yes
<u>Additional parameters (if required)</u>				
<u>Detergents as (MBAS)</u>	100	100	2.0	Yes
<u>Fats, Oils, Grease</u>	100	100	2.0	Yes

SCHEDULE B
of Sanitary Authority Consent
per Section 52 of the Waste Management Act, 1996

Emissions to Sewer – Frequency of Monitoring

Waste Licence Register No.: 55-1 (Review)

Emission Point Reference No.: FW-1

Parameter (delete parameters which are not applicable)	Monitoring Frequency	Sampling Method / Type (grab / continuous)
Flow to sewer	Quarterly	
BOD	Monthly	24-Hour Composite
COD	Monthly	24-Hour Composite
Suspended Solids	Monthly	24-Hour Composite
Fats, Oils, Grease	Monthly	24-Hour Composite
Detergents (as MBAS)	Monthly	24-Hour Composite
Temperature	Continuous	On-Line
pH	Continuous	On-Line

Additional Parameters.

Microbiological test suite:

Total Coliform /100ml	Monthly	Grab
Faecal Coliform /100ml	Monthly	Grab
Faecal Streptococci /100ml	Monthly	Grab
Pseudomonas Aeruginosa /100ml	Monthly	Grab
Staphylococcus Aureus /100ml	Monthly	Grab
Culturable Enteroviruses /l	Monthly	Grab

SANITARY AUTHORITY CHARGES	
Charge per cubic metre of trade effluent or other matter (per Section 52 of the Waste Management Act, 1996)	As specified in condition 16 of the General Consent Conditions.
Payment Frequency	
Annual Monitoring Costs.	€1,800.00

Signed on behalf of Sanitary Authority:

M. Wansborough
 Moira Wansborough
 15/11/2008

SOUTH DUBLIN COUNTY COUNCIL
COMHAIRLE CONTAE ÁTHA CLIATH THEAS

SS2 Reply SS-2

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Ms. Noeieen Keavey
Programme Officer
Licensing Unit
Office of Licensing & Guidance
Environmental Protection Agency
Headquarters, PO Box 3000
Johnstown Castle Estate
County Wexford

Our ref.: EPA/028
Re: Waste Reg. No. 55-2
Central Laboratory Monitoring Reference: 8651 1

Discharge of Trade effluent to Public Sewer Section 52 Consent

Sterile Technofogies Ireland Ltd, Units 420430 Beech Road,
Western Industrial Estate, Dublin 12

Dear Ms. Keavey,

I refer to the above application for a review of Waste Licence and your letter dated 4th May 2005 requesting consent under Section 52 of the Waste Management Act 1996 for discharge of trade effluent to sewer.

Please find attached the consent conditions of South Dublin County Council. If you have any queries in this regard please contact me.

Yours faithfully,

Moira Wansborough
For Senior Staff Officer
Water & Drainage Section
Environment Department
mwansborough@sdblincoco.ie

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SANITARY AUTHORITY CONSENT CONDITIONS

Name of Sanitary Authority: South Dublin County Council

Address: County Hall, Town Centre,
Tallaght, Dublin, **24**

Waste Facility: 420 and 430 Beech Road,
Western Industrial Estate, Dublin **12**

Waste Reg. Number: 55-2

Waste Licence Application: Sterile Technologies Ireland Limited

*Central Laboratory
Monitoring Reference:* **86511**

Consent granted subject 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 **52 of the Waste Management Act, 1996.**

GENERAL CONSENT CONDITIONS	Conditions to be included (Yes/No)
1. No specific discharge or is to sewer shall exceed the emission limit value set out in Table B: Emission Limits . The shall be no other discharge or emission of environmental significance.	Yes
2. The Licensee shall carry out such sampling, analysis, measurements, examinations, and maintenance and calibrations as set out in Table C .	Yes
3. Monitoring and analytical equipment shall be operated and maintained as necessary so that monitoring accuracy reflects the discharge or emission.	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 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 a 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 on-site sampling and monitoring points and to 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 other 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

In respect of discharges or emissions to ~~sewers,~~
in accordance with Section 52 of the Waste Management Act, 1996
(specify if required)

10. The Licensee shall submit monitoring results to the Sanitary Authority on an annual basis. Results of the microbiological screening programme specified in Schedule C of this licence shall be reported to the Sanitary Authority on a quarterly basis.
11. Trade effluent shall be screened prior to discharge to remove gross solids and avoid blockages in the sewer.
12. The trade effluent shall not contain active viruses, pathogens and/or unsterilised body fluids.
13. No discharge or 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.
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 South Dublin County Council.
15. The Licensee shall ensure that the discharge shall not contain dissolved methane, petroleum spirits or organic solvents (including chlorinated solvents) at concentrations, which would give rise to flammable or explosive vapours in the sewer.
16. The charge rate for the collection, treatment and disposal of trade effluent arising on site shall be in accordance with the South Dublin County Council Consolidated Water Charges Policy.
17. Prior to the commencement of the discharge of any trade effluent the Licensee shall submit a set of completed as-constructed drawings of the drainage layout on site. The drainage on site shall be approved by the Sanitary Authority prior to the discharge of any trade effluent on site.

SCHEDULE B
Of Sanitary Authority Consent Conditions
 per Section 52 of the Waste Management Act 1996 to 2003.

Emissions to Sewer – Limit Values

Waste Licence Register No.: **W 55-2**

Emission Point Reference No.: **SE-2 (E 309156 N 231415)**

Emission to (sewer description): **Rear of building Unit 420, Beech Road**

Volume to be emitted: **Maximum in any one day (m³): 20**
Maximum rate per hour (m³): 5

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)	
BOD	1,000	800	16.0	Yes
COD	3,000	2,300	48.0	Yes
Suspended Solids	500	400	8.0	Yes
Sulphates (as SO₄)				
pH	6 to 10			Yes
Temperature	42 degrees C			Yes
Additional Parameters (if required)				

SCHEDULE B
Of Sanitary Authority Consent
 per Section 52 of the Waste Management Act, 1996

Emissions to Sewer – Frequency of Monitoring

Waste Licence Register No.: 55-2

Emission Point Reference No.: SE-2

Parameter (delete parameters which are not applicable)	Monitoring Frequency	Sampling Method / Type (grab / continuous)
Flow to sewer	Quarterly	
BOD	Monthly	24-Hour Composite
COD	Monthly	24-Hour Composite
Suspended Solids	Monthly	24-Hour Composite
Sulphates (as SO ₄)		
Temperature	Continuous	On-Line
pH	Continuous	On-Line

Additional Parameters.

Microbiological test suite:

Total Coliform/100ml	Monthly	Grab
Faecal Coliform/100ml	Monthly	Grab
Faecal Streptococci /100ml	Monthly	Grab
Pseudomonas Aeruginosa /100ml	Monthly	Grab
Staphylococcus Aureus /100ml	Monthly	Grab
Culturable Enteroviruses/l	Monthly	Grab

SANITARY AUTHORITY CHARGES	
Charge per cubic metre of trade effluent or other matter (per Section 52 of the Waste Management Act, 1996)	As specified in condition 16 of the General Consent Conditions.
Payment Frequency	
Annual Monitoring Costs.	€1,800.00

Signed on behalf of Sanitary Authority:

M. Wansborough
 Moira Wansborough
 15/11/2005