

Fingal County Council Comhairle Contae Fhine Gall



Environmental  
Protection Agency

28 MAY 2008

Ms. Aoife Loughnane,  
EPA Inspector,  
EPA Regional Inspectorate Dublin,  
McCumiskey House,  
Richview,  
Clonskeagh Road,  
Dublin 14.

28/05/2008

Your Ref: W0242-01  
Our Correspondence Ref: 247

**Re: IPPC consent – Reg. No. W0242-01 Thornton's Recycling, Millennium  
Business Park, Cappagh Road, Townland of Grange, Dublin 11.**

Dear Madam,

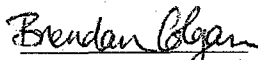
Please find enclosed a report from Fingal County Council granting consent to Thornton's Recycling to discharge to the Fingal County Council sewer. This consent to discharge is subject to the conditions outlined in the attached report.

Chemical and monitoring conditions for this consent are based on a daily effluent volume of 20 cubic metres.

This proposed facility has not yet received planning permission from Fingal County Council, additional information has been requested and we are awaiting a further submission.

If you require any further information regarding this matter do not hesitate to contact me on 01 8905911 or by email at [brendan.colgan@fingalcoco.ie](mailto:brendan.colgan@fingalcoco.ie).

Yours Faithfully,

  
Brendan Colgan  
Senior Executive Engineer  
Water Pollution Control Section

Water Services Department

Postal Address

P.O. Box 174,  
County Hall,  
Swords,  
Fingal,  
Co. Dublin

An Roinn Seirbhísí Uisce

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Contae Átha Cliath

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*Water is precious. Let's conserve it.  
Tá uisce luachmhar. Caomhnaímís é.*



**CENTRAL LABORATORY CONSENT CONDITIONS**

**Re: SECTION 52 OF THE WASTE MANAGEMENT ACTS, 1996 to 2005.**

Central Laboratory Reference: 70671

Central Laboratory Monitoring Code: 856-10 (SD-1 adjacent road)

Name and Address of Sanitary Authority: **Fingal County Council,  
Grove Road, Blanchardstown, Dublin. 15.**

EPA Waste Register No. : W0242-01

Waste Facility: **Padraig Thornton Waste Disposal Ltd., trading as  
Thornton's Recycling, Millenium Business Park, Cappagh Road,  
Townland of Grange. Dublin. 11**

Waste Licence Applicant: Fingal County Council

Consent granted subject to the consent conditions outlined below	<b>Yes</b>
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GENERAL CONSENT CONDITIONS	Condition to be included (Yes/No)
1. No specified discharge or emission to sewer from the installation shall exceed the emission limit values set out in Schedule B : Emissions to Sewer. There shall be no other 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 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 discharge or emission.	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 practices 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 and maintain safe and permanent access to all 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 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 event.	Yes

**ADDITIONAL GENERAL CONSENT CONDITIONS**  
( required )

10. The Licensee shall submit effluent monitoring results to Fingal County Council on an annual basis.
11. 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 Fingal County Council.
12. 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.
13. 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 damaging to the fabric of sewer, or would interfere with the biological functioning of the downstream receiving wastewater treatment plant.
14. Materials classifiable as " Hazardous Wastes " under the Waste Management Acts, 1996 to 2005, shall not be discharged to foul sewer.
15. Effluent shall be screened prior to discharge to remove <u>gross</u> solids and avoid blockages in the sewer.
16. The Licensee shall maintain ( or have maintained ) effluent treatment systems on site to ensure compliance with the conditions in this consent.
17. Best Available Technology ( BAT ) shall be used by the Licensee to treat wastewater prior to discharge to foul sewer.

**Limit Values for Process Effluent to Sewer**

**SCHEDULE B: Emission Limits**

Waste Licence Register No: **W0242-01**

Emission Point Reference No: **SD-1**  
(Grid References E 310308 N 240808)

Emission to (sewer description): **Foul sewer on adjoining Road.**

Volume to be emitted: Maximum in any one day: 20 m<sup>3</sup>  
Maximum rate per hour : \_\_\_\_\_ m<sup>3</sup>

Parameter (delete parameters which are not applicable)	Emission Limit	Value	Parameter to be limited (Yes/No)
	<b>Daily Mean</b>	<b>Daily Mean</b>	
	<b>Concentration (mg/l)</b>	<b>Loading (kg/day)</b>	
BOD	1000	20.0 <b>( 334 PE )</b>	Yes
COD	3000	60.0	Yes
Suspended Solids	1000	20.0	Yes
Sulphates (as SO <sub>4</sub> )	400	8.0	Yes
OFG	100	2.0	Yes
pH	6 – 10		Yes
Temperature	42 degrees C		Yes

**ADDITIONAL PARAMETERS**

(If required)

Mineral Oils ( mg/l )	10	0.2	Yes
Detergents ( mg/l )	100	2.0	Yes
Phosphates ( as PO <sub>4</sub> -P )	100	2.0	Yes

**SCHEDULE C**

of Sanitary Authority Consent per s. 52 of Waste Management Act, 1996.

*Emissions to Sewer - Frequency of Monitoring*

Waste Licence No. : W0242-01

Emission point reference no: SD-1

Parameter	Monitoring Frequency	Sampling Method/Type (grab, continuous)
Flow to sewer	Continuous	Continuous
BOD	Monthly	Grab
COD	Monthly	Grab
Suspended Solids	Monthly	Grab
Sulphates (as SO <sub>4</sub> )	Monthly	Grab
OFG	Monthly	Grab
Temperature	Monthly	Grab
pH	Monthly	Grab

**ADDITIONAL PARAMETERS**

(If required)

Mineral oils	Monthly	Grab
Detergents	Monthly	Grab
Phosphates	Monthly	Grab

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<b>SANITARY AUTHORITY CHARGES</b>	
Charge per cubic metre of trade effluent/per kg of BOD (delete as appropriate)	
Payment Frequency	Annually
Annual Monitoring Costs	Euro 2,460

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