

Mr. Gerry O' Beirne  
Director of Service, Environment  
Cork City Council  
City Hall  
Cork

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13th March 2009

Reg No: W0141-02

Dear Mr. O' Beirne

I am to advise you that the Agency has received an application for a Waste Licence from Cork City Council, for a facility located at Beaumont Quarry, Churchyard Lane, Ballinlough / Ballintemple, Cork City.

The applicant proposes, as part of this application, to provide for the discharge of process effluent to a sewer, which the applicant has stated is vested in, or controlled by, your Council. Process effluent includes trade effluent or other matter (other than domestic sewage or storm water). I enclose copy extracts from the application form, which detail proposed discharges.

The provisions of Section 52 of the Waste Management Acts, 1996 to 2008, provides that the Agency shall obtain the consent of the sanitary authority to the proposed discharge from an activity which involves the discharge of trade effluent or other matter (other than domestic sewage or storm water), to a sewer vested in or controlled by a sanitary authority.

In order to expedite the Agency's consideration of this waste licence application, I am to request your authority's consent to the proposed discharge/s. It should be noted that, your authority's consent may be subject to such conditions as your authority considers appropriate as provided for in Section 52 of the Waste Management Acts, 1996 to 2008 and Section 99E(3) of the Environmental Protection Agency Acts, 1992 and 2007. Your attention is drawn to paragraphs (3) and (4) of the attached copy of the relevant section of the Act. For your convenience please find attached a reply form including a list of draft conditions compiled by the Agency.



In accordance with paragraph (2) of this section of the Act, you are requested to forward your response within 5 weeks of the date of this letter. Please note that any decision given after the expiry period shall be invalid and in those circumstances the Agency may proceed to determine the application concerned as if consent was obtained. Kevin Motherway is dealing with this matter and can be contacted at the Licensing Unit, Office of Climate, Licensing & Resource Use, Inniscarra, County Cork (Tel. No. 021-4875540), if you have any queries.

Your co-operation in this matter is appreciated.

Yours sincerely,



Ann Kehoe

**Programme Officer**

**Licensing Unit**

**Office of Climate, Licensing & Resource Use**

**Section 99E (3) & (4) of the Environmental Protection Agency Acts, 1992 and 2007**

- (3) Subject to subsection (4), a consent under subsection (1) may be granted subject to or without conditions and if it is granted subject to conditions the Agency shall include in the licence or revised licence concerned conditions corresponding to them or, as the Agency may think appropriate, conditions more strict than them.
- (4) The conditions that may be attached to a consent by a sanitary authority under this section are the following and no other conditions, namely conditions-
- (a) relating to-
    - (i) the nature, composition, temperature, volume, level, rate, and location of the discharge concerned and the period during which the discharge may, or may not, be made,
    - (ii) the provision, operation, maintenance and supervision of meters, gauges, manholes, inspection chambers and other apparatus and other means for monitoring the nature, extent and effect of emissions,
    - (iii) the taking and analysis of samples, the keeping of records and furnishing of information to the sanitary authority,
  - (b) providing for the payment by the licensee to the sanitary authority concerned of such amount or amounts as may be determined by the sanitary authority having regard to the expenditure incurred or to be incurred by it in monitoring, treating and disposing of discharges of trade effluent, sewage effluent and other matter to sewers in its functional area or a specified part of its functional area,
  - (c) specifying a date not later than which any conditions attached under this section shall be complied with,
  - (d) relating to, providing for or specifying such other matter as may be prescribed.

**SANITARY AUTHORITY RESPONSE**  
**re: SECTION 52 OF THE WASTE MANAGEMENT ACTS, 1996 to 2008**

*Name & Address of Sanitary Authority:* Cork City Council, City Hall, Cork.

*Waste Reg. No.* W0141-02

*Waste Facility:* Beaumont Quarry, Churchyard Lane, Ballinlough /  
Ballintemple, Cork City,

*Waste Licence Applicant:* Cork City Council

**Consent:** Indicate Yes to one of the following statements:

Consent granted subject to the consent conditions outlined below	
Consent granted without conditions	
Consent refused <sup>Note 1</sup>	

**Note 1** Where it is proposed to refuse permission the reasons for the refusal should be clearly outlined in the response.

GENERAL CONSENT CONDITIONS	Condition to be included (Yes/No)
1. No specified emission from the installation shall exceed the emission limit value set out in <i>Schedule B: Emissions Limits to Sewer</i> . There shall be no other emission to sewer of environmental significance.	
2. The licensee shall carry out such sampling, analyses, measurements, examinations, maintenance and calibrations as out in <i>Schedule C</i> .	
3. Monitoring and analytical equipment shall be operated and maintained as necessary so that monitoring accurately reflects the discharge or emission.	
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.	
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.	
6. The licensee shall record all sampling, analyses, measurements, examinations, calibrations and maintenance carried out in accordance with the requirements of this licence.	
7. The licensee shall provide safe and permanent access to all on-site sampling and monitoring points and to off-site points as required by the Agency.	
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.	
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.	





## Frequency of Monitoring Process Effluent to Sewer

### *Schedule C*

Waste Licence application Register No. **W0141-02**

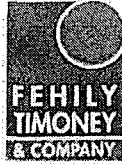
Emission Point Reference No: \_\_\_\_\_

<b>Parameter</b> <i>(delete parameters which are not applicable)</i>	<b>Monitoring Frequency</b> <i>(e.g. monthly, quarterly, annually)</i>	<b>Sampling Type</b> <i>(grab, composite)</i>
Flow to sewer		
Temperature		
pH		
BOD		
COD		
Suspended Solids		
<b>ADDITIONAL PARAMETERS</b> <i>(if required)</i>		

<b>SANITARY AUTHORITY CHARGES</b>	
Charge per cubic metre of process effluent (per s52 of the Waste Management Acts, 1996 to 2005)	
Payment Frequency	
Annual Monitoring Costs	

Signed on behalf of Cork City Council

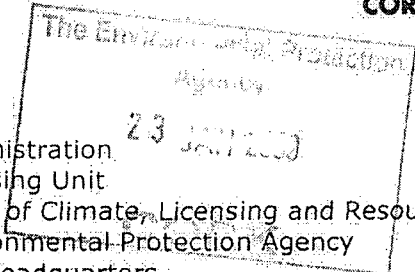
Date \_\_\_\_\_



W0141-02  
 Beaumont Quarry  
 Article 14 Reply received 21/01/09

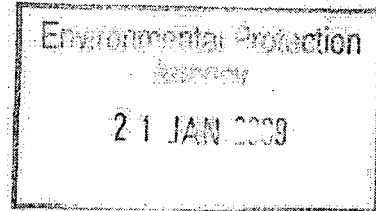
CONSULTANTS IN ENGINEERING & ENVIR

CORK DUBLIN



Our Ref: Q:CE08/011/06/Let001/COC/LY

Administration  
 Licensing Unit  
 Office of Climate, Licensing and Resource Use  
 Environmental Protection Agency  
 EPA Headquarters  
 P.O. Box 3000  
 Johnstown Castle Estate  
 Co. Wexford



15 January 2009

**RE: Further Information Request for Waste Licence Application (Register No: W0141-02) in accordance with Article 14(2)(b)(ii) of the Waste Management (Licensing) Regulations**

Dear Mr. Motherway

Please find enclosed further information requested for the application of a waste licence relating to Beaumont Quarry, Churchyard Lane, Ballinlough/Ballintemple, Cork City.

Article 12 and Article 13 Compliance Requirements

1. The proposed inert landfill at Beaumont Quarry will generate foul water and surface water which will be discharged to the nearest public sewer. Foul water generated will be domestic grade effluent and it is not proposed to monitor this emission.

Surface water runoff from the site, during the landfilling phases will be collected in a temporary settlement pond to allow suspended solids to settle out before being discharged to the sewer. This surface water run-off will also pass through an oil/petrol interceptor which will remove any hydrocarbons from the runoff.

Following restoration of the landfill, a permanent attenuation facility (underground tank or proprietary cell configuration) will be designed to attenuate peak flow and will discharge to the sewer via a silt trap and oil/petrol interceptor.

Suspended solids and hydrocarbon emissions will be monitored quarterly from both the temporary settlement pond and permanent attenuation facility. A visual/odour inspection will also be undertaken on the outflow on a daily basis.

Cont'd.../

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 Paul Kelly Stephen Byrne Sarah Toal Tony Ambrose Company Secretary: Declan O'Sullivan

Registered in Ireland, Fehily Timoney & Company Ltd. Number 180497  
 Registered Office: Core House, Pouladuff Road, Cork. VAT Registration Number: IE6880407D







Following discussions with Cork City Council Drainage Section, it was agreed that the maximum surface water run-off from the development will be 2 l/s. This corresponds to a maximum flow per day of 173 m<sup>3</sup>.

Tables E.3(i), E.3(ii) and F.2 to F.8 is included details the maximum volume and characteristics of the surface water emission and the monitoring parameters and frequency of monitoring for this emission.

- The emission point to the sewer is illustrated as SE1 on Drawing CE08-001-006-001 enclosed. This will be the emission point for both the temporary settlement pond and permanent attenuation facility.

The monitoring point for the sewer is also illustrated as SD1 on Drawing CE08-001-006-001. This monitoring point will be at the outflow of the temporary settlement pond during landfilling and permanent attenuation facility following restoration. This will allow easier access to the sampling location as it will be located onsite and also will allow for the control or shut off of the outflow if parameters exceed emission limit values.

- Proposed sampling arrangements and parameters to be monitored:

Suspended solids and hydrocarbon emissions will be monitored quarterly from both the temporary settlement pond and permanent attenuation facility. A visual/odour inspection will also be undertaken on the outflow on a daily basis.

A specific sampling point will be designed with appropriate access in order to safely sample the emissions to sewer.

The Non Technical Summary for both the EIS and the Waste Licence Application has been revised and is enclosed with this documentation. In these Non Technical Summaries, Figure 2.8 Proposed Environmental Monitoring Points as been revised to show the sewer monitoring point onsite.

**Table1: List of Revised Drawings**

Drawing Title	Drawing Number	Revision Number	Superseded Versions
Proposed Environmental Monitoring Location Map	2006-011-09-Fig 2.8	Rev B	Proposed Environmental Monitoring Location Map 2006-011-09-Fig 2.8 Rev A

One original and one copy of the following documentation have been included:

- Cover letter
- Tables E.3(i), E.3(ii) and Table F.2 to F.8
- Drawing CE08-001-006-001: Sewer Emission Point and Monitoring Location Map
- Non Technical Summary of the EIS
- Non Technical Summary of the Waste Licence Application



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16 electronic pdf copies of the above information are also included. The content of the electronic files on the accompanying CD-ROMs are true copies of the original application form and EIS.

Please forward any further correspondence in relation to this application to Mr. Michael O'Brien, Environment Section, Cork City Council, City Hall, Cork.

Yours sincerely

Ms. Caroline O'Connell  
for and on behalf of **Fehily Timoney & Company**

Encl.



WASTE Application Form

TABLE E.3(i): EMISSIONS TO SEWER(One page for each emission)

Emission Point:

Emission Point Ref. N <sup>o</sup> :	SE1
Location of connection to sewer :	Located to the north-east of the proposed inert landfill
Grid Ref. (10 digit, 5E,5N):	170435 E, 711246 N
Name of sewage undertaker:	Water Services Division, Cork City Council, City Hall, Cork

Emission Details:

(i) Volume to be emitted			
Normal/day	41 m <sup>3</sup>	Maximum/day	173 m <sup>3</sup>
Maximum rate/hour	7.2 m <sup>3</sup>		

(ii) Period or periods during which emissions are made, or are to be made, including daily or seasonal variations (*start-up /shutdown to be included*):

Periods of Emission (avg)	<u>60</u> min/hr	<u>24</u> hr/day	<u>365</u> day/yr
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WASTE Application Form

TABLE F.2 to F.8 : EMISSIONS MONITORING AND SAMPLING POINTS  
( 1 table per media)

Emission Point Reference No(s) : SE1

Parameter	Monitoring frequency	Accessibility of Sampling Points
Visual inspection/odour	Daily	Specific sampling point will be designed with appropriate access.
Total Suspended Solids	Quarterly	Specific sampling point will be designed with appropriate access.
Hydrocarbons	Quarterly	Specific sampling point will be designed with appropriate access.