

Mr. Joe Fahy
Senior Executive Engineer, Sanitary Division
Meath County Council
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Navan
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6th September 2005

Reg No: 131-2

Dear Mr. Fahy

I am to advise you that the Agency has received an application for a Waste Licence from Midland Waste Disposal Limited, for a facility located at Midland Waste Disposal Company Limited, Clonmagaddan, Proudstown, Navan, Co. Meath.

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 2003, 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 2003 and Section 99E (3) of the Environmental Protection Agency Acts, 1992 and 2003. 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. Pat Byrne is dealing with this matter and can be contacted at the Licensing Unit, Office of Licensing & Guidance Dublin (Tel. No. 01-2680100) if you have any queries.

Your co-operation in this matter is appreciated.

Yours sincerely


Noeleen Keavey
Programme Officer
Licensing Unit
Noeleen Keavey Office of Licensing & Guidance

Section 99E (3) & (4) of the Environmental Protection Agency Acts, 1992 and 2003

- (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 2003

Name & Address of Sanitary Authority: Meath County Council, County Hall, Navan, County Meath, .

Waste Reg. No. 131-2

Waste Facility: Midland Waste Disposal Company Limited,
Clonmagaddan, Proudstown, Navan, Co. Meath

Waste Licence Applicant: *Midland Waste Disposal Limited*

Consent: Indicate Yes to one of the following statements:

Consent granted subject to the consent conditions outlined below	
Consent granted without conditions	
Consent refused ^{Note 1}	

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 <i>so</i> 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.	

ADDITIONAL GENERAL CONSENT CONDITIONS
in respect of discharges or emissions to sewers, in accordance with Section 52
of the Waste Management Acts, 1996 to 2003.
(specify, if required)

Limit Values for Process Effluent to Sewer

Schedule B: Emission Limits

Waste licence application Register No. 131-2

Emission Point Reference No: _____

Emission to (*sewer description*): _____

Volume to be emitted: Maximum in any one day: _____ m³

Maximum rate per hour: _____ m³

Parameter <i>(delete parameters which are not applicable)</i>	Emission Limit Value	
	Daily Mean Concentration (mg/l)	Daily Mean Loading (kg/day)
BOD		
COD		
Suspended Solids		
PH		
Temperature		
ADDITIONAL PARAMETERS		
<i>(if required)</i>		

Frequency of Monitoring Process Effluent to Sewer

Schedule C

Waste Licence application Register No. 131-2

Emission Point Reference No: _____

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

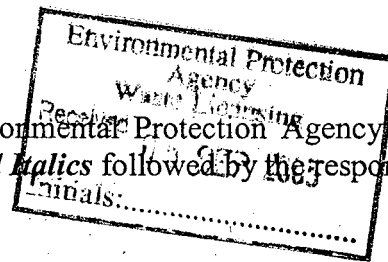
SANITARY AUTHORITY CHARGES	
Charge per cubic metre of process effluent (s52 of the Water (Miscellaneous Provisions) Act 1997 to 2003)	
Payment by _____	
Additional Monitoring _____	

Signed on behalf of Meath County Council

_____ Date _____

INTRODUCTION

The headings of the relevant sections of the Environmental Protection Agency's (EPA) letter of the 8th June 2005 are outlined below in ***Bold Italics*** followed by the response.

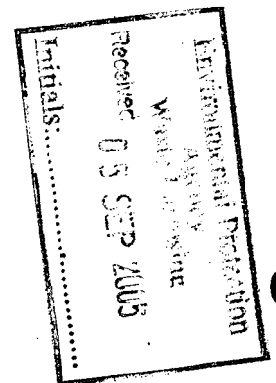
**ARTICLE 12 COMPLIANCE REQUIREMENTS**

- 1. Confirm the name of the Sanitary Authority to whom foul water is discharged. Provide details in relation to the quantity of foul effluent generated, level and rate of emissions arising from the activity, source of the foul water and quality analysis, and where relevant the period or periods during which such emissions are made. Provide details of the foul water storage provided on-site.***

The sanitary authority to whom foul water is discharged is Meath County Council. Foul water is discharged into the Wastewater Treatment plant in Navan, Co. Meath. In the unlikely event that the Navan treatment plant cannot take the foul water Trim Wastewater Treatment plant will be used as a back-up. Attached is correspondence from Meath County Council **confirming** the use of the treatment plants.

The quantities of foul effluent generated at the facility since the granting of the waste licence 131-1 is detailed below:

Volumes of Foul Water Discharged of Site				
Month	C.mt			
	2001	2002	2003	2004
January	-	22	104	76
February	-	59	72	62
March	-	-	48	38
April	8	27	38	40
May	8	44	72	22
June	8	74	64	48
July	-	56	80	32
August	16	24	34	168
September	8	16	26	40
October	16	56	32	120
November	8	160	40	72
December	8	64	88	104
Total	80	602	698	822



There are 2 no. storage tanks (900 gallon each) held on site for the temporary storage of foul waters. Currently the foul water is transported in a 1600 gallon tanker and removed off site an average of 2 times a week in the summer months and 4 times a week in the winter.

Foul water discharged into the foul water storage tanks include the following:

- Any waters generated within the Recycling Plant Building, the glass storage bays, and composting area, are directed through the foul water drainage system directly into the foul water storage tank.
- Wastewater from the toilet facilities at the site are directed through a small scale wastewater treatment plant and into the foul water storage tank.
- Dirty water from the wash bay area is directed through a siltration tank **and** into the foul water storage tank.

A sample of the leachate was collected and a copy of the quality results are detailed below.

Quality of Foul Water	
Paramater	mg/l
pH (pH units)	6.6
Conductivity ($\mu\text{S}/\text{cm}$)	2399
Ammonia (as N)	18.0
BOD	1100
COD	2550
TOC mg/l	510
Nitrate mg/l as N	<0.2
Nitrite mg/l as N	8.5
Calcium	433
Magnesium	34.9
Sodium	98.6
Potassium	89.5
Iron	44.4
Manganése	1.92
Cadmium	7.4
Chromium	<0.2
Copper	0.29
Nickel	0.3
Lead	451
Zinc	1.62
Mercury	3.0
Sulphate	763
Chloride	96.2
Non-Purgeable Organics	<0.5

Comhairle Chontae na Mí

Halla an Chontae, An Uaimh, Contae na Mí

Fón: 046-21581

Cuirtear Fáilte Roimh Chombhshreagras f nGaeilge



Meath County Council

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Our Ref BF/bf3'02

Environment Section

22nd March, 2002.

Mr. Francis Flynn
Midland Waste Disposal Ltd
Proudstown Road
Navan
Co. Meath

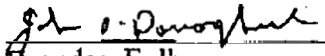
***Re: Disposal of soiled water from your facility at Proudstown
EPA Waste Licence No. I31-1***

Dear Sir,

I refer to our letter of 23rd August, 2000 with regard to the above.

I wish to advise that as a contingency arrangement the use of Trim Wastewater Treatment Plant is acceptable for disposal of soiled water from your Waste Facility at Clonmagaddam Proudstown Road, Navan, in the event of non-availability of Navan Wastewater Treatment Plant subject to the same pre-notification arrangements as apply in the case of use of the Navan Wastewater Treatment Plant.

Yours sincerely,


Brendan Fulham
Administrative Officer.