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Waste Licensing Section,
EPA Headquarters,
P.O. Box 3000,
Johnstown Castle Estate,
Co.Wexford.

14th July 2005

Our Ref: MGE0031LT0021GAL
File Ref: 340

Re: Killarney Waste Disposal Ltd – Waste Licence Application – 217-1

Dear Sir/Madam,

We refer to the above application for a Waste Licence for Killarney Waste Disposal and to EPA correspondence dated 13th April 2005 requesting additional information in accordance with Article 14(2)(b)(ii) of the Waste Management (Licensing) Regulations and our correspondence dated 17th June 2005.

We now enclose 1 no. original and 3 no. copies and 1 no. CD-ROM copy of further compliance requirements for Article 12.

We are providing this information on behalf of Killarney Waste Disposal.

We trust this is satisfactory, but please do not hesitate to contact the undersigned if you have any queries.

Yours sincerely,



Siobhan Aherne
Senior Project Scientist
For and on behalf of RPS MCOS

sa/wm

Encl.

1.

Please find attached correspondence from FBD Insurance plc.

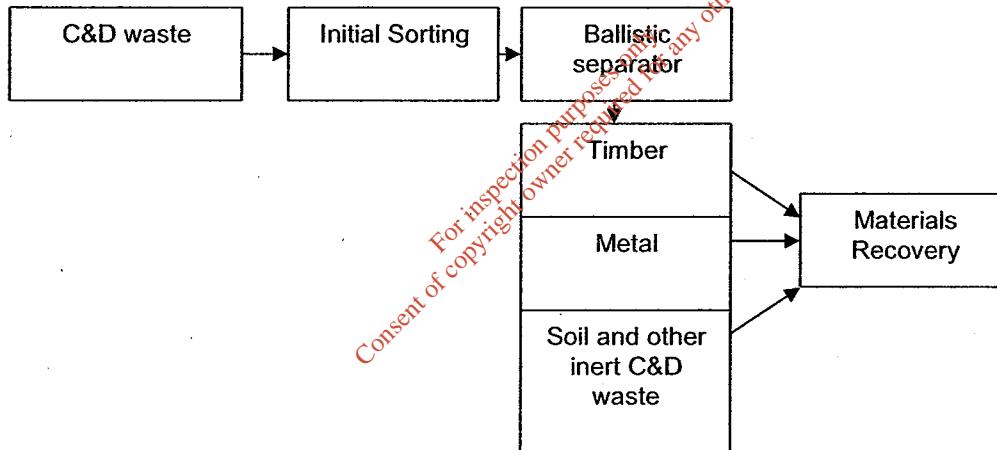
2.

Further details from the supplier on the proposed ballistic separator are attached. It is proposed to use this machinery to process construction & demolition waste, municipal waste and dry recyclables at the facility.

The following unit operations that are processed by the ballistic separator are described below:

Construction & Demolition Waste (U05)

C&D waste is tipped on the floor of the materials recovery building where it is inspected and sorted with loaders and large pieces of waste are removed. The ballistic separator sorts the waste further into the various fractions of metal, timber, soil and other C&D waste. The timber will be shredded outside. The metal and timber will be stored until there are sufficient volumes for transport for further processing. The soil and other inert C&D waste is transported to the waste permitted site operated by KWD.



Dry recyclables are delivered to the facility and processed every second week. C&D waste is processed for a few hours once a week. The rest of the operating time mixed municipal waste is processed. There is not much requirement for storage as there are regular shipments from the facility. The plant machinery is cleaned prior to changing from one waste stream to another.

L1a: Indicate how all the requirements of Section 40 (4) [(a) to (i)] of the Waste Management Acts 1996 to 2003 will be met. Applicants should also describe how the proposed facility will comply with the requirements of BAT. In particular reference should be made to the considerations referred to in Annex IV of Council Directive 96/61/EC concerning integrated pollution prevention and control.

The requirements of Section 40 (4) [(a) to (i)] of the Waste Management Acts 1996 to 2003 will be met as follows:

- (a) any emissions from the recovery or disposal activity in question (“the activity concerned”) will not result in the contravention of any relevant standard, including any standard for an environmental medium, or any relevant emission limit value, prescribed under any other enactment,**

The applicant KWD will ensure that any emissions from activities carried on at the facility will not result in the contravention of any relevant standard, including any standard for an environmental medium, or any relevant emission limit value, prescribed under any other enactment. Control measures and monitoring are in place at the facility to ensure that there is no impact on the surrounding environment.

- (b) The activity concerned, carried on in accordance with such conditions as may be attached to the licence will not cause environmental pollution,**

The applicant KWD will ensure that activities at the facility will be carried on in accordance with such conditions as may be attached to the proposed licence and will not cause environmental pollution.

- (c) The best available technology not entailing excessive costs will be used to prevent or eliminate or, where that is not practicable, to limit, abate or reduce an emission from the activity concerned,**

BAT will be used to prevent or eliminate or, where that is not practicable, limit, abate or reduce an emission from the activity concerned.

- (d) If the applicant is not a local authority, the corporation of a borough that is not a county borough, or the council of an urban district, subject to *subsection (8)*, he or she is a fit and proper person to hold a waste licence,**

KWD are competent and committed to operate a waste licensed facility in accordance with the proposed waste licence.

- (e) The applicant has complied with any requirements under *section 53*,**

KWD are able to meet the financial commitments or liabilities that will be entered into or incurred by the facility in carrying on the activity to which the proposed licence relates or in consequence of ceasing to carry on that activity as it may specify.

- (f) Energy will be used efficiently in the carrying on of the activity concerned,**

The applicant, KWD are committed to use energy efficiently in the carrying on of activities.

9. the consumption and nature of raw materials (including water) used in the process and their energy efficiency;
10. the need to prevent or reduce to a minimum the overall impact of the emissions on the environment and the risks to it;
11. the need to prevent accidents and to minimize to consequences for the environment;
12. the information published by the Commission pursuant to Article 16 (2) or by international organisations.

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FBD INSURANCE plc

FBD House, New Road, Killarney, Co. Kerry
Phone: (064) 36148
Fax: (064) 36150

Killarney Waste Disposal Ltd
Aughacurreen
Killarney
Co Kerry

05 July 2005

TO WHOM IT MAY CONCERN,

RE: Killarney Waste Disposal Ltd, Aughacurreen, Killarney
Policy No: 00396902/04/01 Renewal Date: 08/08

This is to confirm that Liability cover is in place under the above policy up to next renewal date of August 8th, 2005 for our Insured in respect of its occupation as Waste Disposal Company.

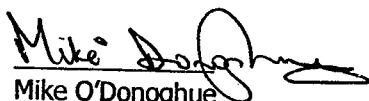
Limits of indemnity are as follows:

Public Liability €6.5million.
Employers Liability €13 million.

This extends to include environmental liability arising from an accident.

I trust this is the information required. For any further information, please contact the undersigned.

Yours sincerely,



Mike O'Donoghue
Area Manager
FBD INSURANCE plc

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Ballistic Separator STT 5000

Aggregate for the separation
of construction, industrial
and domestic waste

STADLER ANLAGENBAU GMBH
Robert-Bosch-Str. 4

D-88361 Altshausen

Tel: +49(0)7584-9226-60
Fax: +49(0)7584-9226-69
<http://www.w-stadler.de>
email: info@w-stadler.de

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Characteristics:

- This design has been developed especially for the construction, industrial and domestic waste industries.
- An extremely robust steel construction, a supporting frame made of sheet steel with a thickness of 40 mm and 10 mm for the side walls gives the Ballistic-Separator the necessary strength for the separation of heavy materials.
- The paddles are made of highly abrasion resistant steel.
- Rotational throw 120 mm.
- Hydraulic adjustment of the paddle inclination.
- A new modular shaft design reduces the costs for wear and tear parts.
- Increase of the actual throughput by more than 50 %.

Function:

The basic principle is based upon 6 rotating paddles arranged parallel to each other, mounted on a common crankshaft.

The inclination of this set of paddles is variable.

The paddle surfaces are designed with apertures and structure to suit the specific application and material to be processed.

The paddles are constructed with a length of 5 m per unit.

By combining the angle of the paddles with paddle apertures and structure, the performance of this Ballistic separator can be optimised for capacity and type of material being processed.

All connecting flanges and steel chutes are designed to accommodate the range of angular adjustment of the paddles without any structural alterations.

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Flexibility:

The versatility of the Ballistic-Separator makes it suitable for easy integration into large and small plant configurations processing a variety of materials.

Due to the simple adjustability of the machine, it is possible to adapt the Ballistic-Separator to the incoming raw material and to produce different material streams over one, two or three units.

Application:

Sorting of construction, industrial and domestic waste

Screening and separation of problematic materials in processing plants for combustibles

Material stream classification as a first step of separation within the mechanical biological treatment of residual waste

Post classification of the biological treated fraction before dump garbage

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STT 5000_1 Testing results

Material:	Perforation:	Throughput:	
Co Mingled 80 kg/m ³	120 x 160	170 m ³ /h	14 t/h
Industrial waste (shreddered) 180 kg/m ³	120 x 160	130 m ³ /h	23 t/h
Industrial waste (shreddered) 210 kg/m ³ < 120 x 160	45 x 45	50 m ³ /h	10 t/h

The figures are approximate values and vary depending on the composition of material, the sizes of perforation And angles of inclination of paddles.

Machine Description

The Ballistic-Separator is an aggregate for the classification of one material stream into two or more fractions. In comparison with alternative screening systems, the Ballistic-Separator offers the benefits of separation by size, weight, density and form.

The single-stage basic machine STT 5000_1 separates the material stream into two main fractions, namely: "rolling heavy fraction" (stones, wood, tins, selected steel, massive plastic parts etc see figure 1) and "flat light fraction" (foils, textile, paper, cardboard, fibrous products etc see figure 2).

By varying the paddle perforation, a third "fines" fraction, is produced, see figure 3.

The "multiple-deck" aggregates STT 5000_2 and STT 5000_3 are able to classify up to 7 fractions, but primarily they provide first class separation qualities because of the multiple-deck"screening process.



Fig. 1 rolling



Fig. 2 flat



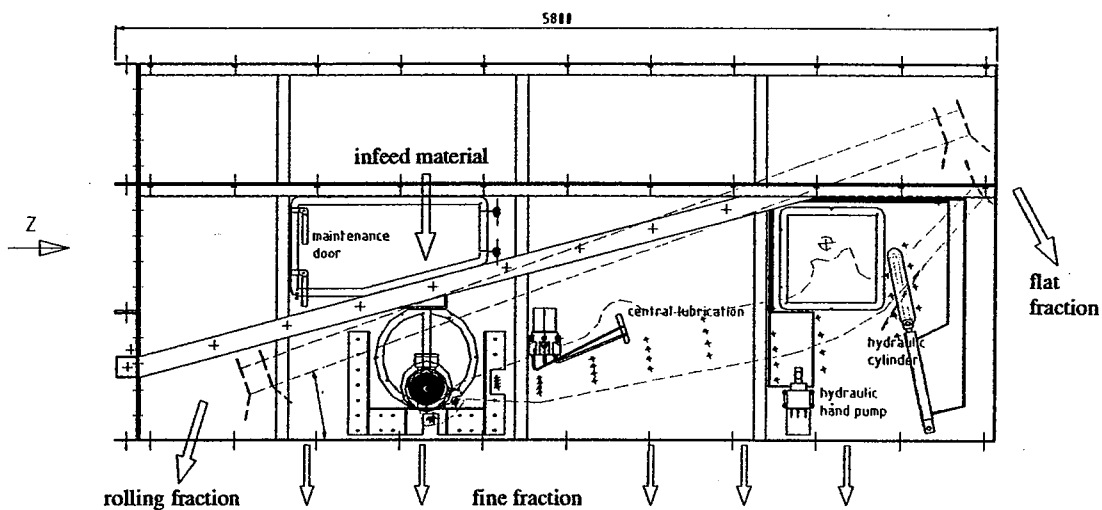
Fig. 3 fine

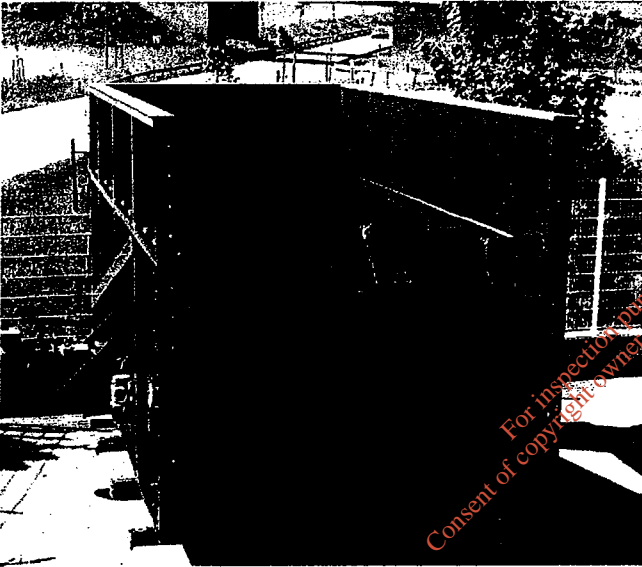
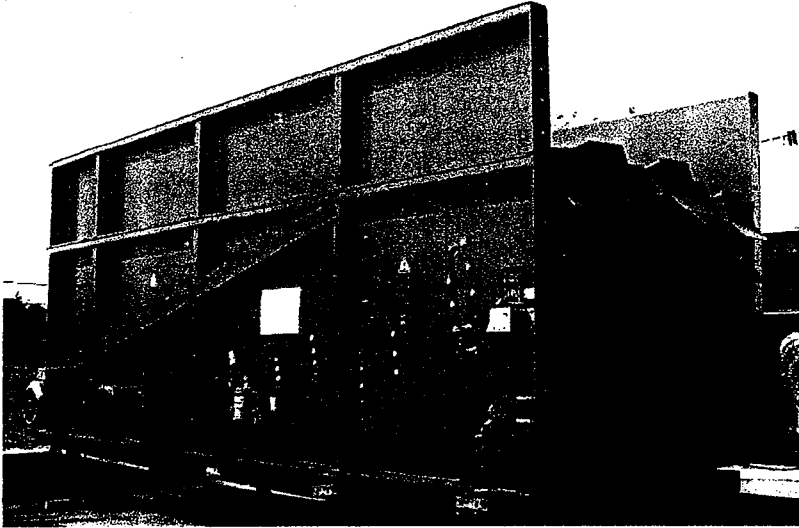
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Technical Data

	STT 5000_1	STT 5000_2	STT 5000_3
Total length (mm)	5800	construction on request	construction on request
Usable width (mm)	2170		
Total width (mm) with motor (mm)	2410 3205		
Total height (mm)	2500		
Power input (kW)	9,2		
Number of paddle (St)	6 material type according to requirements		
Length of paddle(mm)	5050		
Angle adjustability	15 – 22,5° adjustable by a hydraulic cylinder		
Weight (t)	approx. 8		





STT 5000

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