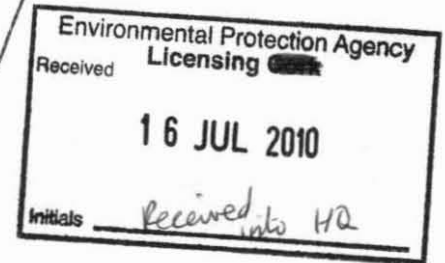




Licensing Unit,  
Environmental Protection Agency,  
Headquarters,  
PO Box 3000,  
Johnstown Castle Estate,  
County Wexford.



14<sup>th</sup> July 2010

File Ref: MGE0109LT0028  
Our Ref: 311

**Re: Waste Licence Review Application - W0217-01**

Dear Sir/Madam,

In accordance with the Waste Management (Licensing) Regulations, 2004 we now submit the following documentation on behalf of Killarney Waste Disposal Ltd. for the proposed increase in waste intake from 40,000 to 59,000 tonnes per annum and acceptance, appropriate treatment and recovery of End-Of-Life Vehicles at their existing Materials Recovery Facility at Aughnacureen, Killarney, Co. Kerry:

- 1 no. original signed and 1 no. hardcopy format and 2 no. electronic copies in CD format of the Waste Licence Application, and
- A cheque in the sum of €16,000.

Please contact the undersigned or Willie Madden, RPS Galway, if you have any queries in relation to the application.

Yours sincerely,

*Siobhan Glynn*  
**Siobhan Glynn**  
**Associate**  
**For RPS**

SG/wm

Encl.



# Waste Licence Application Form

For inspection purposes only  
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<b>EPA Ref. N<sup>o</sup>:</b> <i>(Office use only)</i>	<input type="text"/>
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*This document does not purport to be and should not be considered a legal interpretation of the provisions and requirements of the Waste Management Acts 1996 to 2003.*

**Environmental Protection Agency**  
P.O.Box 5000, Johnstown Castle Estate, County Wexford  
Telephone: 053-60600 Fax: 053-60699



*WASTE Application Form*

**Environmental Protection Agency  
Application for a Waste Licence**

**WASTE MANAGEMENT ACTS 1996 to 2003**

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**INTRODUCTION**

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A valid application must contain the information prescribed in the Waste Management (Licensing) Regulations 2004 (SI No. 395 of 2004). **The applicant is strongly advised to read the *Application Guidance Notes for Waste Licensing*, available from the EPA.**

The applicant must conform to the format set out in the guidance notes for applications. Each page of the completed application form must be numbered, e.g. *page 5 of 45*, etc. Also duplicated pages from the application form should be uniquely numbered, e.g. *page 5(i) of 45*, etc. **The basic information should for the most part be supplied in the spaces given in application form** and any supporting documentation should be supplied as attachments, as specified. Consistent measurement units must be used throughout.

The applicant should note that the application form has been structured so that it requires information to be presented in an order of progressive detail.

When it is found necessary, additional information may be provided on supplementary attachments which should be clearly cross referenced with the relevant sections in the main document.

While all sections in the application form may not be relevant to the activity concerned, the applicant should look carefully through all aspects of the form and provide the required information, in the greatest possible detail.

All maps/s/plans must be no larger than A3 size and scaled appropriately such that they are clearly legible. In exceptional circumstances, where A3 is considered inadequate, a larger size may be requested by the Agency.

Information supplied in this application, including supporting documentation will be put on public display and open to inspection by any person. Should the applicant consider information to be confidential, this information should be submitted in a separate enclosure bearing the legend “ In the event that this information is deemed not to be held as confidential, it must be returned to .....”. In the event that information is considered to be of a confidential nature, then the nature of this information, and the reasons why it is considered confidential (with reference to the “ Access to Information on the Environment” Regulations) should be stated in the Application Form, where relevant.

**It should be noted that it will not be possible to process or determine the application until the required documents have been provided in sufficient detail and to a satisfactory standard.**

**CHECKLIST**

Articles 12 and 13 of the Waste Management (Licensing) Regulations, 2004 (S.I. No. 395 of 2004) set out the information which must, in all cases, accompany a waste licence application. In order to ensure that the application fully complies with the legal requirements of Articles 12 and 13 of the 2004 Regulations, all applicants should **complete** the following.

In each case, refer to the attachment number(s) of your application which contain(s) the information requested in the appropriate sub-article.

**Article 12(1)** In the case of an application for a waste licence, the application shall -

- (a) give the name, address and, where applicable, any telephone number and telefax of the applicant (and, if different, the operator of the facility concerned), the address to which correspondence relating to the application should be sent and, if the applicant or operator is a body corporate, the address of its registered office or principal office,

<b>LOCATION</b>	Section B1	
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <input type="checkbox"/>

- (b) give the name of the planning authority in whose functional area the relevant activity is or will be carried on,

<b>LOCATION</b>	Section B3	
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <input type="checkbox"/>

- (c) in the case of a discharge of any trade effluent or other matter (other than domestic sewage or storm water) to a sewer of a sanitary authority, give the name of the sanitary authority in which the sewer is vested or by which it is controlled,

<b>LOCATION</b>	Section B4	
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <input type="checkbox"/>

- (d) give the location or postal address (including where appropriate, the name of the townland or townlands) and the National Grid reference of the facility or premises to which the application relates,

<b>LOCATION</b>	Section B2	
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <input type="checkbox"/>

- (e) describe the nature of the facility or premises concerned, including the proposed capacity of the facility or premises, and in the case of application in respect of a landfill of waste, the requirements specified in Annex 1 of the Landfill Directive,

WASTE Application Form

<b>LOCATION</b>	Sections B7, D2	
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <input type="checkbox"/>

(f) specify the class or classes of activity concerned, in accordance with the Third and Fourth Schedules of the Act, and in the case of an application in respect of the landfill of waste, specify the class of landfill in accordance with Article 4 of the Landfill Directive,

<b>LOCATION</b>	Section B7	
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <input type="checkbox"/>

(g) specify, by reference to the relevant European Waste Catalogue codes as presented by Commission Decision 2000/532/EC of 3 May 2000, the quantity and nature of the waste or wastes which will be treated, recovered or disposed of,

<b>LOCATION</b>	Section H	
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <input type="checkbox"/>

(h) specify the raw and ancillary materials, substances, preparations, fuels and energy which will be utilised in or produced by the activity,

<b>LOCATION</b>	Section G	
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <input type="checkbox"/>

(i) describe the plant, methods, processes, ancillary processes, abatement, recovery and treatment systems and operating procedures for the activity,

<b>LOCATION</b>	Section C2, D1, D2, E6, H2, J	
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <input type="checkbox"/>

(j) provide information for the purpose of enabling the Agency to make a determination in relation to the matters specified in paragraphs (a) to (g) of section 40(4) of the Act,

<b>LOCATION</b>	Section L2	
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <input type="checkbox"/>

*WASTE Application Form*

(k) give particulars of the source, location, nature, composition, quantity, level and rate of emissions arising from the activity and, where relevant, the period or periods during which such emissions are made or are to be made,

<b>LOCATION</b>	Section E	
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <input type="checkbox"/>

(l) give details, and an assessment of the effects, of any existing or proposed emissions on the environment, including any environmental medium other than those into which the emissions are, or are to be made, and of proposed measures to prevent or eliminate or, where that is not practicable, to limit or abate such emissions,

<b>LOCATION</b>	Section I	
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <input type="checkbox"/>

(m) identify monitoring and sampling points and indicate proposed arrangements for the monitoring of emissions and the environmental consequences of any such emissions,

<b>LOCATION</b>	Section F	
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <input type="checkbox"/>

(n) describe any proposed arrangements for the prevention, minimisation and recovery of waste arising from the activity concerned,

<b>LOCATION</b>	Section H	
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <input type="checkbox"/>

(o) describe any proposed arrangements for the off-site treatment or disposal of solid or liquid wastes,

<b>LOCATION</b>	Section I	
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <input type="checkbox"/>

(p) describe the existing or proposed measures, including emergency procedures, to prevent unauthorised or unexpected emissions and minimise the impact on the environment of any such emission,

<b>LOCATION</b>	Section J	
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <input type="checkbox"/>

*WASTE Application Form*

(q) describe the proposed measures for the closure, restoration, remediation or aftercare of the facility concerned, after the cessation of the activity in question,

<b>LOCATION</b>	Section K	
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <input type="checkbox"/>

(r) in the case of an application in respect of the landfilling of waste, give particulars of –

(i) such financial provision as is proposed to be made by the applicant, having regard to the provisions of Articles (7)(i) and (8)(a)(iv) of the Landfill Directive and section 53(1) of the Act, and

<b>LOCATION</b>	Not Applicable	
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <input type="checkbox"/>

(ii) such charges as are proposed or made, having regard to the requirements of section 53A of the Act,

<b>LOCATION</b>	Not Applicable	
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <input type="checkbox"/>

(s) state whether the activity is for the purposes of an establishment to which the European Communities (Control of Major Accident Hazards involving Dangerous Substances) Regulations, 2000 (S.I. No. 476 of 2000) apply,

<b>LOCATION</b>	Section B8	
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <input type="checkbox"/>

(t) in the case of an activity which gives rise or could give rise to an emission into an aquifer containing the List I and II substances specified in the Annex to Council Directive 80/68/EEC of 17 December 1979, describe the existing or proposed arrangements necessary to give effect to Articles 3,4,5,6,7,8,9 and 10 of the aforementioned Council Directive,

<b>LOCATION</b>	Section I.4	
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <input type="checkbox"/>



*WASTE Application Form*

(u) include a non-technical summary of information provided in relation to the matters specified in paragraphs (a) to (t) of this sub-article,

<b>LOCATION</b>	Attachment A1	
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <input type="checkbox"/>

**Article 12(4)** Without prejudice to Article 13(1) and (2), an application for a licence shall be accompanied by -

(a) a copy of the relevant page of the newspaper(s) in which the notice in accordance with article 6 has been published,

<b>LOCATION</b>	Attachment B6	
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <input type="checkbox"/>

(b) a copy of the text of the notice or notices erected or fixed in accordance with article 7,

<b>LOCATION</b>	Attachment B6	
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <input type="checkbox"/>

(c) where appropriate, a copy of the notice given to a local planning under article 9,

<b>LOCATION</b>	Attachment B6	
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <input type="checkbox"/>

(d) a copy of such plans (appropriately scaled and no larger than A3 size), including a site plan or plans and location map or maps, and such other particulars, reports and supporting documentation as are necessary to identify and describe, as appropriate -

(i) the position of the notice in accordance with article 7,

<b>LOCATION</b>	Attachment B6	
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <input type="checkbox"/>

(ii) the point or points from which emissions are made or are to be made, and

<b>LOCATION</b>	Section E	
<b>CHECKED</b>	<b>Applicant</b> <input checked="" type="checkbox"/>	<b>Official</b> <input type="checkbox"/>



WASTE Application Form

(iii) the point or points at which monitoring and sampling are undertaken or are to be undertaken,

LOCATION	Section F	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

(e) such fee as is appropriate having regard to the provisions of articles 40 and 41.

INCLUDED Y/N	Y	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

Article 12(5)(a) & (b) An application shall comprise 1 signed original of the application and 2 copies in hardcopy format plus 2 copies of all files in electronic searchable PDF format on CD-Rom.

EPA Correspondence dated 8<sup>th</sup> December 2008 confirmed new requirement for 1 original copy and 1 hard copy and 2 copies on CD-Rom.

HARDCOPIES PROVIDED Y/N	Y	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

CD OF PDF FILES PROVIDED? Y/N	Y	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

Article 13 Where a development requires an Environmental Impact Assessment to be carried out, 1 signed original and 2 copies in hardcopy format of the environmental impact statement plus 16 copies in electronic searchable PDF format on CD-ROM should accompany this application.

EIA REQUIRED ? Y/N	N	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>
3 HARD COPIES OF EIS INCLUDED ? Y/N	N	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>
16 CD versions of EIS, as PDF files, PROVIDED? Y/N	N	
CHECKED	Applicant <input checked="" type="checkbox"/>	Official <input type="checkbox"/>

---

**PROCEDURES**

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**It is recommended that pre-application consultations with the Agency are undertaken before a formal submission of the waste licence application.**

The procedure for making and processing of applications for waste licences, and for the processing of reviews of such licences, appear in the Waste Management (Licensing) Regulations 2004 (S.I. No. 395 of 2004) and are summarised below. The application fees that shall accompany an application are listed in the Second Schedule to the Regulations.

Prior to submitting an application the applicant must publish in a local newspaper, and erect on site, a notice of intention to apply. An applicant, other than a local authority in whose functional area the development is located, must also notify the Local Planning Authority, in writing, of their intention to apply.

An application for a licence must be submitted on the appropriate form (available from the Agency) with the correct fee, and should contain relevant supporting documentation as attachments. The application should be based on responses to the form, supporting written text and the appropriate use of tables and drawings. Where point source emissions occur, a system of unique reference numbers should be used to denote each emission point. These should be simple, logical, and traceable throughout the application.

The application form is divided into a number of sections of related information. The purpose of these divisions being to facilitate both the applicant and the Agency in the provision of the information and its assessment. Attachments should be clearly numbered, titled and paginated and must contain the required information as set out in the application form. Additional attachments may be included to supply any further information supporting the application. Any references made should be supported by a bibliography.

**All questions should be answered.** No waste management facility is exactly the same and hence each application will require different information. It is therefore possible that some of the sections of this application form may not be relevant to the activity concerned. **Where information is requested in the application form, which is not relevant to the application, the words “not applicable” should be clearly written on the form. The abbreviation “N/A” should not be used.**

Additional information may need to be submitted beyond that which is explicitly requested on this form. Any references made should be supported by a bibliography. The Agency may request further information if it considers that its provision is material to the assessment of the application. Advice should be sought from the Agency where there is doubt about the type of information required or the level of detail.

Information supplied in this application, including supporting documentation will be put on public display and be open to inspection by any person. **Should the applicant consider information to be confidential, then the nature of this information, and the reasons why it is considered confidential should be clearly stated in an**

attachment to the Application Form. This information should be submitted in a separate enclosure bearing the legend “In the event that this information is deemed not to be held as confidential, it must be returned to (representative of the applicant)”.

Applicants should be aware that a contravention of the conditions of a waste licence is an offence under Section 39 of the Waste Management Acts 1996 to 2003.

The provision of information in an application for a waste licence which is false or misleading is an offence under Section 45 of the Waste Management Acts 1996 to 2003.

*Note: Drawings. The following guidelines are included to assist applicants:*

- All drawings submitted should be titled and dated.
- They should have a **unique reference number** and should be signed by a clearly identifiable person.
- They should indicate a scale and the **direction of north**.
- All drawings should, generally, be to a scale of between 1:20 to 1:500, depending upon the degree of detail needed to be shown and the size of the facility. Drawings delineating the boundary can be to a smaller scale of between 1:1000 to 1:10560, but must clearly and accurately present the required level of detail. Drawings showing the site location can be to a scale of between 1:50 000 to 1:126 720. All drawings should, however, be A3 or less and of an appropriate scale such that they are clearly legible. Provide legends on all drawings and maps as appropriate.

The provision of information in an application for a waste licence, which is false or misleading, is an offence under s45 of the Acts.



*WASTE Application Form*

**SECTION A NON-TECHNICAL SUMMARY**

A Non-Technical Summary is to be submitted. The summary should include information on those aspects outlined in the Guidance Note and must comply with the requirements of Article 12 (1) (u) of the Waste Management (Licensing) Regulations, S.I. 395 of 2004.

The Non-Technical Summary should form **Attachment A.1**.

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**Attachment A1**

**A.1.1 Nature & Location of the Facility**

Killarney Waste Disposal (KWD) operate a Materials Recovery Facility at Aughnacureen 4.5km northwest of Killarney Town under EPA Waste Licence No. W0217-01, which allows an annual waste intake of 40,000 tonnes for recovery. The site is 3.7 hectares in size and is located within a rural context. There are approximately 20 no. residences within 500m from the boundary of the facility. Most of residences are located on a ribbon development on the nearby road from Knockasarnet to Aghalee. The primary landuse in the vicinity of the facility is agriculture.

Killarney Waste Disposal propose to increase the waste intake at the facility to 59,000 tonnes per annum.

The General Soils Map of Ireland indicates that the soil type in the area is podzolic. These are poor, acidic soils, typical of cool, damp climates. GSI Quaternary maps record Devonian Sandstone dominated Till (boulder clay) at the site location. The thickness of the subsoil deposits in the area can reach up to 30m in places while elsewhere the subsoil is absent (at outcrop) or less than a metre. The GSI has classified the shale and sandstone bedrock underlying the site as a locally important aquifer which is moderately productive only in local zones.

The Killarney Waste Disposal facility is located in the catchment of the Glanooragh River which flows to the Gwestin River c.10km downstream of the facility. The Gwestin flows for a further c. 10km before joining the River Laune.

**A.1.2 Classes of Activities as specified in the Third and Fourth Schedules of the Act**

The waste disposal activities carried out under the Third Schedule are the Classes 11, 12 and 13. The waste recovery activities carried out under the Fourth Schedule are the Classes 2, 3, 4, 11, 12 and 13. The proposed principal activity is Class 2 under the Fourth Schedule.

**A.1.3 Quantity and Nature of the Waste**

A total of 40,000 tonnes per annum of non-hazardous waste is currently accepted by KWD. It is proposed to increase the annual waste intake to 59,000 tonnes, the breakdown of which is shown below in Table 1.1. The proposed increase in the annual waste intake includes for an increase in the quantity of dry recyclables, End-Of-Life Vehicles (ELV's), WEEE and waste tyres.

**Table 1.1 Waste Types and Quantities Proposed**

Waste Type	Maximum Tonnes per Annum
Household	35,100
Commercial	18,900
Construction & Demolition Waste	4,300
WEEE	200
Waste Tyres	250
End-Of-Life Vehicles	250
<b>Total Waste</b>	<b>59,000</b>

**A.1.4 Operations**

Drawing No. DG0035-01 provides details on the Detailed Site Layout Plan.

## WASTE Application Form

The proposed operating hours and waste acceptance hours are as follows:

Material processing within the confines of the MRF Building, 24 hours a day Monday to Saturday inclusive (activities outdoors only between the hours of 07:00 to 20:00), and 07:30 to 19:30 Monday to Saturday inclusive respectively.

The following waste types are accepted for recovery and disposal:

- i) Mixed municipal waste;
- ii) Source segregated waste, which includes organic waste and dry recyclables (plastic (bottles and film), paper, cardboard and packaging waste);
- iii) Construction & Demolition waste;
- iv) Glass;
- v) WEEE; and
- vi) End-Of-Life Vehicles (ELVs), and waste tyres.

Incoming waste is weighed at the weighbridge near the site entrance and the following information is recorded for the site records:

- Description of the waste including waste types, composition, form and relevant EWC Code
- The origin of the waste including customer details
- The weight of the waste load.

The waste is tipped into the Material Recovery Facility (MRF) and inspected prior to processing. Any suspect load is removed to the quarantine area for further inspection and, if non-compliant, is returned to the customer. Details on the processing of the different waste streams are shown in Section D.2.

### A.1.5 Emissions and Treatment

A septic tank is in use at the facility with a puraflo unit and associated percolation area. The system has been designed to cater for 12 people at 180L per person per day, which equates to a discharge quantity of 2.16 cubic metres per day to be treated by the system.

Roof water drainage from the MRF building is directed away from the concreted yard and stormwater collection/treatment system.

Runoff from the yard drains to 2 no. holding tanks from where it is pumped to the oil/water separator and then on to the aeration pond, settling pond, constructed wetland and percolation ditch. The total surface water runoff for the site is 12.8m<sup>3</sup>/day.

The processing of mixed municipal waste produces a liquid effluent. The MRF building has an effluent holding tank in the centre of the building. This precast concrete holding tank is 6,920 litres (1,500 gallons) in capacity and is lined with a 2.5mm thick HDPE liner. A bunding tank which surrounds the holding tank has a capacity of 3,500 gallons. Approximately 34,600 litres (7,500 gallons) of effluent is transported by tanker to Tralee WWTP (5 no. loads of 6,920 litres) for treatment per annum.

### A.1.6 Environmental Impacts

#### Dust Emissions

From the facility emissions of dust will be generated from the processing and storage of C&D waste and timber and from traffic travelling to and from the facility. Dust emissions associated with timber shredding is minimised as the timber shredder is housed on three sides. It is unlikely that the emission limit of 350 mg/m<sup>2</sup>/day for total dust deposition will be exceeded and the regular monitoring required under the waste licence will confirm this.

In order to limit dust emissions at the facility, a number of measures will be implemented including regular sweeping of the facility with the automatic sweeper, the use of surrounding trees to attenuate the dust generated, a mobile water sprayer during dry weather conditions to limit dust emissions, and regular servicing of plant equipment to prevent excessive exhaust emissions of particulates and other pollutants.

Dust monitoring carried out by OES Consulting in 2009 found that the facility is not having a negative impact on the surrounding air quality.

#### Odour Emissions

The processing of mixed municipal waste and the acceptance of segregated organic waste has the potential to emit odour. Odour emissions are minimised by measures such as indoor processing of organic and municipal waste, regular cleaning of surfaces to limit growth of anaerobic bacteria, covering of potential odour sources, limiting residence time for waste, and in the event that an odour nuisance occurs the use of a masking agent to cover the odour or counteractant to react with the nuisance odour to reduce the odour intensity.

#### Surface Water

##### Process Effluent

Process effluent from municipal waste processing in the MRF building drains to an effluent holding tank in the centre of the building and hence does not impact on surface water within the facility. The precast concrete holding tank is 6,920 litres in capacity and is lined with a 2.5mm thick HDPE liner. The liquid effluent from the holding tank is tankered to Tralee WWTP. A bunding tank which surrounds the holding tank has a capacity of 13,250 litres. The effluent holding tank inside the MRF Building is analysed on an annual basis.

#### Stormwater/Surface Water Drainage

##### (i) Roof

Roof water drainage from the MRF building is directed away from the concreted yard and stormwater collection/treatment system. Sampling of the roof runoff quality is carried out at monitoring points R1 and R2.

##### (ii) Concreted Yard Area

Runoff from the yard area drains to 2 no. holding tanks from where it is pumped to the oil/water separator and then on to the aeration pond, settling pond, constructed wetland and percolation ditch. The discharge point SW1 is monitored to ensure that the stormwater is uncontaminated. The final discharge is to surface water.



## WASTE Application Form

Mitigation measures recommended to reduce the level of ammonia in the stormwater runoff which have been implemented on site include the installation of gates on the C&D waste processing area to prevent the migration of waste out onto the yard area, inspection of incoming timber waste to ensure no contamination with organic waste, inspection and maintenance of all storage bins and skips on site for leakages, cleaning of the yard with the automatic sweeper on a daily basis, regular cleaning of holding tanks and oil/water separator every 2 months or as required, and regular cleaning of the settling pond every 6 months or as required. In 2009, SW1 was sampled and analysed on a weekly basis and an average of 0.21mg/l was measured for ammonia which was well below the levels being reported in 2008. In addition water quality sampling results taken upstream and downstream of the stream (sampling locations Sites B & D) indicate that all parameters are within the standard emission limit values. Therefore the stormwater discharge from the site is not impacting negatively on the surface water quality.

### Depollution of End-Of-Life Vehicles (ELV's)

It is proposed to process ELV's in the MRF building on an impermeable surface in a separately bunded area with drain and sump to ensure that any potential spillages are controlled, collected and sent to a licensed facility for treatment. In addition, during the depollution process following drainage of fluids, plastic plugs will be inserted in all drain holes to prevent dripping occurring. A spill procedure and spill kits are in place on site to deal with potential spillages. All components and fluids will be suitably contained within the bunded area and sent to licensed facilities for recovery/disposal.

### Sewage Discharge

A septic tank is in use at the facility with a puraflo unit and associated percolation area. The system has been designed to treat a discharge quantity of 2.16 cubic metres per day. The puraflo unit and percolation area have been designed, located, constructed and maintained in accordance with the manufacturer's instructions. The design of the treatment system is in line with the requirements of EPA Wastewater Treatment Manual and sewage generated at the facility will not adversely impact on the environment.

### Groundwater

There are no direct groundwater emissions from the facility. The design of the domestic effluent system is in line with the requirements of EPA Wastewater Treatment Manual therefore sewage generated at the facility will not adversely impact on the environment. Process effluent drains to a holding tank, before being sent to Tralee WWTP for treatment. This holding tank passed a bund integrity test in March 2009. This shows that no leachate is being released into the environment. Control measures are in place for depollution of ELV's. Stormwater is collected and treated on site and discharged to surface water. In July 2009, 4 no. groundwater monitoring boreholes were installed at the facility. The location of the groundwater monitoring points are shown in Drawing No. DG0035-01 Detailed Site Layout Plan. GW1 and GW2 are located downgradient and GW3 and GW4 are located upgradient of the facility. Elevated levels of ammonia present in an upgradient borehole indicates that other sources of contamination unrelated to the KWD facility are likely to be responsible.

### Ecology

The facility is not included by any ecological designation (NHA, SPA, SAC) and there will be no impact on ecology in the vicinity.

### Noise Emissions

Noise emissions are generated from traffic using the adjacent road network, traffic movements on site and operations on site which mostly take place within the MRF building. Processing of timber waste occurs outdoors on an intermittent basis and the timber shredder is housed on three sides to reduce noise emissions. The monitoring programme for noise will ensure that standard emissions limits are not exceeded.



*WASTE Application Form*

A noise survey was carried out by OES Consulting in 2009 in accordance with the conditions of the waste licence. The noise levels measured are below the EPA standard emission levels and it is unlikely that the facility will have a negative impact on adjacent landowners.

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**SECTION B GENERAL****B.1 Applicant's Details****Name\*:** Killarney Waste Disposal Ltd.**Address:** Aughnacureen,  
Killarney,  
Co. Kerry.**Tel:** 064 – 6632458**Fax:** 064 – 6638661**e-mail:** brian.bruton@kwd.ie

\* This should be the name of the applicant which is current on the date this Waste Licence Application is lodged with the Agency. It should be the name of the legal entity (which can be a limited company or a sole trader). A trading/business name is not acceptable.

**Name and Address for Correspondence**

Only application documentation submitted by the applicant and by the nominated person will be deemed to have come from the applicant.

**Name:** Mr. Brian Bruton, Killarney Waste Disposal Ltd.**Address:** Aughnacureen,  
Killarney,  
Co. Kerry.**Tel:** 064 – 6632458**Fax:** 064 – 6638661**e-mail:** brian.bruton@kwd.ie**Address of registered or principal office of Body Corporate (if applicable)****Address:** Aughnacureen,  
Killarney,  
Co. Kerry.**Tel:** 064 – 6632458**Fax:** 064 – 6638661**e-mail:** brian.bruton@kwd.ie

If the applicant is a body corporate, the following information must be attached as **Attachment B1**:

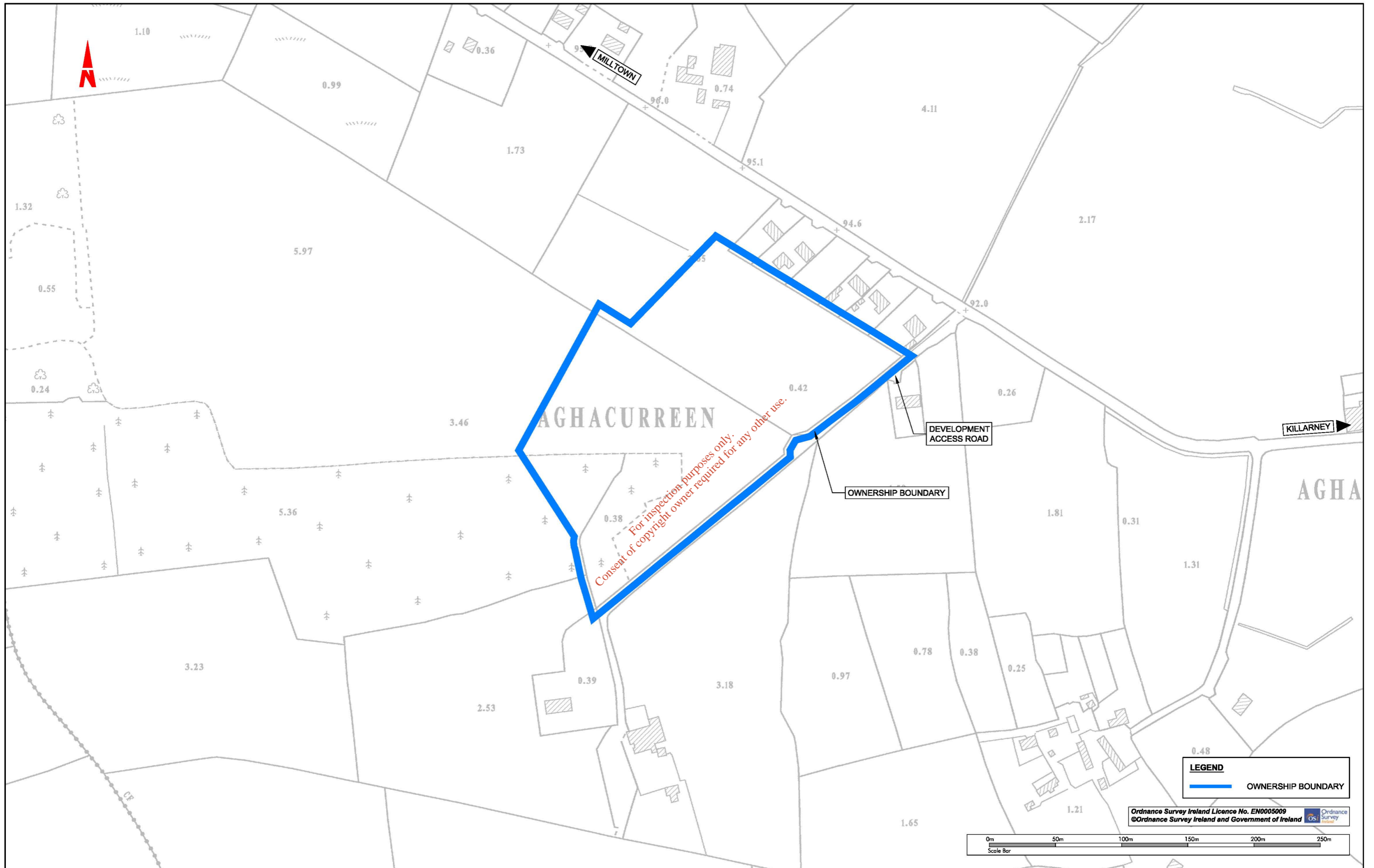
- a) a Certified Copy of the Certificate of Incorporation or Memorandum and Article of Association;
- b) the Company's Registration Number from the Companies Registry Office; and
- c) a list of the Company Directors.

Mr. Sean Murphy is the Company Director. The company registration number is 229987 and a copy of the Certificate of Incorporation and Certificate of Registration is included in Attachment B1.

# **Attachment B1**

**Certificate of Incorporation  
Certificate of Registration incl. Company Registration No.  
Ownership Plan DG0032-01 F01**

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**KWD RECYCLING**

Killarney Waste Disposal Ltd.  
 Aughacureen, Killarney, Co. Kerry.  
 Tel: Killarney 064-32458, Tralee 066-7128850 | Fax: 064-38661

**NOTES**

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3. Levels are in metres to local datum.

No.	Date	Amendment / Issue	App
F01	05.07.10	Waste Licence Application	W.M.

Client			
<b>KILLARNEY WASTE DISPOSAL LTD.</b>			
Drawn By	Checked By	Approved By	Date
A.N.	S.G.	W.M.	July '10

		Lyr Building IDA Business & Technology Park Mercus, Galway		T +353 91 534100 F +353 91 534199 W www.rpsgroup.com/ireland E ireland@rpsgroup.com	
Project					
<b>WASTE LICENCE REVIEW APPLICATION</b>					
Drawing Status	Scale / Sheet Size				
PLANNING	1:1250 @ A1	1:2500 @ A3			

Drawing Number	Rev
<b>MGE0109/DG0032-01</b>	<b>F01</b>
Title	
<b>OWNERSHIP PLAN</b>	
(Sheet 1 of 1)	

NUMBER

126626

# Certificate of Incorporation

I hereby certify that

**KILLARNEY WASTE DISPOSAL LIMITED**

is this day incorporated under  
the Companies Acts 1963 to 1986  
and that the company is limited.

Given under my hand at Dublin, this  
Thursday, the 19th day of November, 1987

*Frank Dolan*  
For Registrar of Companies

Fees and Deed Stamps £135.00

Stamp Duty on Capital £1.00

No. 229987

# Registration of Business Names Act, 1963

## CERTIFICATE OF REGISTRATION

Business Name

**KWD RECYCLING**

Principal Place of Business

**AUGHACUREEN,  
AGHADOE,  
KILLARNEY,  
CO. KERRY.**

I HEREBY CERTIFY that a Statement of Particulars in Respect of the above Business Name pursuant to Section 4 of the above mentioned Act was registered on **24th January, 2003**

Dated this **24th January, 2003**

Person who has registered this business name :

**KILLARNEY WASTE DISPOSAL LIMITED**

  
Registrar of Business Names

Section 7 of the above Act requires that whenever a change is made or occurs in any of the particulars registered in respect of any person, that person shall, within one month after the change, furnish by sending by post or delivering to the registrar a statement in writing in the prescribed form specifying the nature and date of the change signed and where necessary verified in like manner as the statement required on registration.

Section 8 (2) provides that "a certificate of registration shall be kept exhibited in a conspicuous position at, in the case of a firm or individual, the principal place of business and, in the case of a body corporate, its registered or principal office in the State and, in every case, in every branch office or place where the business is normally carried on, and if not kept so exhibited, the person registered or, in the case of a firm, every partner in the firm shall be liable on summary conviction to a fine not exceeding £100."

Section 12 (1)---

"If a person registered under this Act in respect of a business name ceases to carry on business under that name, it shall be the duty of that person or, in the case of an individual who dies, of his personal representative or, in the case of a firm, of every person who was a partner in the firm at the time when it ceased to carry on business under that name, and also, in the case of a body corporate, of any liquidator, within three months thereafter to send by post or deliver to the registrar a statement in the prescribed form to that effect, and if he makes default in doing so he shall be liable on summary conviction to a fine not exceeding £100."

*Forms of notification of change or cessation may be obtained from the*  
REGISTRAR OF BUSINESS NAMES, PARNELL HOUSE, 14 PARNELL SQUARE, DUBLIN 1.



WASTE Application Form

State the interest of the applicant in the land which is subject to the application. The applicant is (please check):

Landowner	<input checked="" type="checkbox"/>
Lessee	<input type="checkbox"/>
Prospective Purchaser	<input type="checkbox"/>
Other (please specify)	

Name and address of all occupiers of the land on which the Activity is situated (if different from applicant named above).

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Tel: \_\_\_\_\_  
Fax: \_\_\_\_\_  
e-mail: \_\_\_\_\_

Name and address of the current\* owner(s) and lessees of the land, buildings and ancillary plant on which the activity is or will be situated (if different from applicant named above). An appropriately scaled drawing(≤A3) showing the above details should be included in Attachment B1.

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Tel: \_\_\_\_\_  
Fax: \_\_\_\_\_  
e-mail: \_\_\_\_\_  
\*Current at the time the application is submitted

B.2 Location of Activity

Name: Killarney Waste Disposal Ltd.  
Address\*: Aughnacureen,  
Killarney,  
Co. Kerry.  
\_\_\_\_\_  
Tel: 064 – 6632458  
Fax: 064 – 6638661  
e-mail: brian.bruton@kwd.ie

\* Include any townland



*WASTE Application Form*

<b>National Grid Reference (8 digit 4E,4N)</b>	93620E 93937N
--	---------------

Location maps ( $\leq A3$ ), appropriately scaled, with legible grid references should be enclosed in **Attachment B.2**. The site boundary must be outlined on the map in colour.

**B.3 Planning Authority**

Give the name of the planning authority in whose functional area the activity is or will be carried out.

<b>Name:</b>	Kerry County Council
<b>Address:</b>	County Buildings, Rathass, Tralee, County Kerry.
<b>Tel:</b>	066 – 7183582
<b>Fax:</b>	066 – 7120328

Has the Planning Authority received written notification from the applicant of the application to The Environmental Protection Agency for a Waste Licence under Article 9 of the Waste Management (Licensing) Regulations?

<b>Planning Authority notified</b>	Yes <input checked="" type="checkbox"/>
	No <input type="checkbox"/>

Planning Permission relating to this application:-

<i>has been obtained</i>	<input checked="" type="checkbox"/>
<i>is being processed</i>	<input type="checkbox"/>
<i>is not yet applied for</i>	<input type="checkbox"/>
<i>is not required</i>	<input type="checkbox"/>

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<b>Local Authority Planning File Reference N<sup>o</sup>:</b>	2131/04
---	---------

**Attachment B.3** should contain *the most recent* planning permission, including a copy of *all* conditions, and the required copies of any EIS should also be enclosed. For existing activities, **Attachment B.3** should also contain copies of the most recent waste licence and any permits in force at the time of submission. Where planning permission is not required for the development, provide reasons, relevant correspondence, *etc.*

## **Attachment B2**

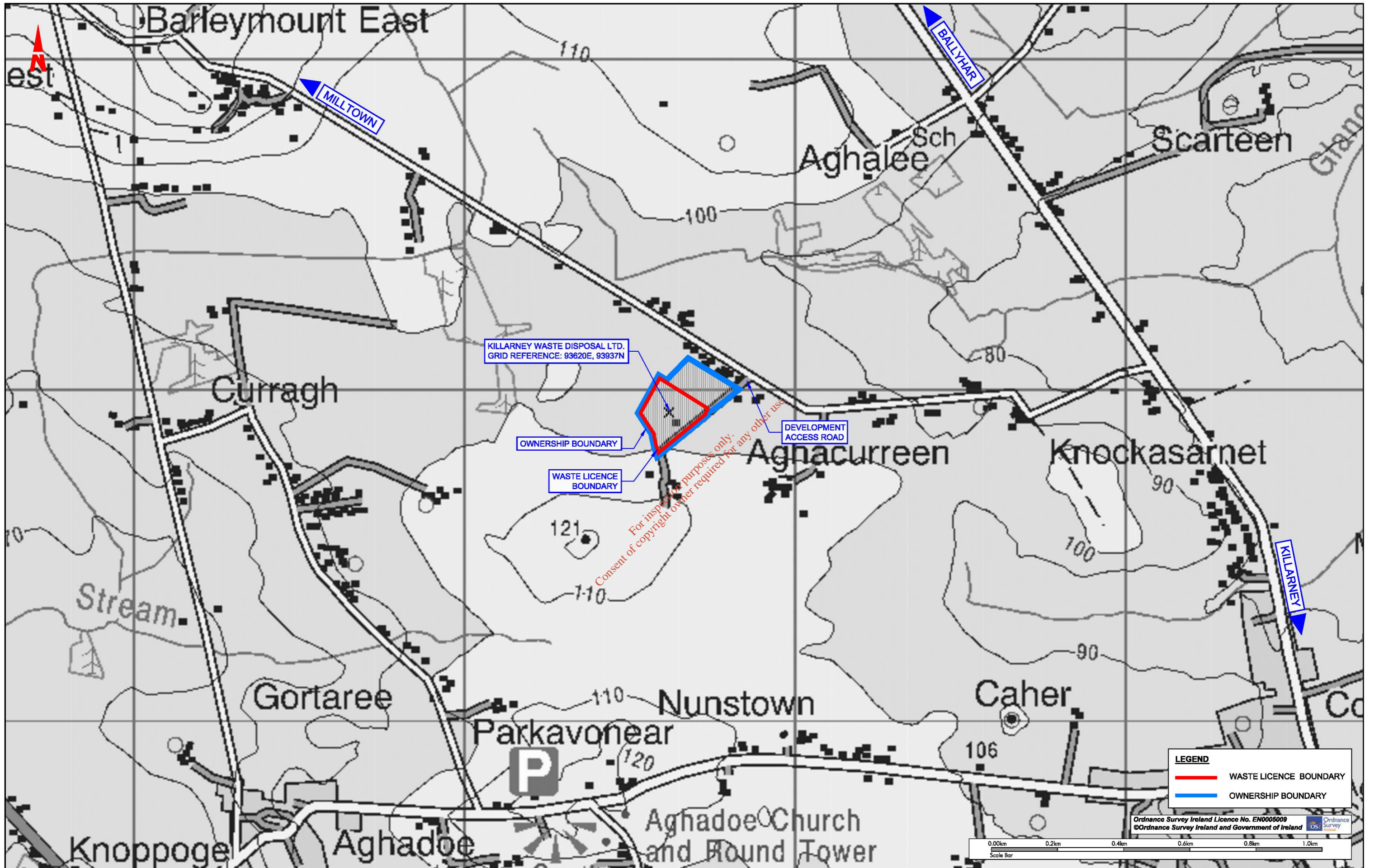
**Site Location Map DG0030-01 F01**

**Site Plan DG0031-01 F01**

**Detailed Site Layout Plan DG0035-01 F01**

**Layout of MRF Building DG0034-01 F01**

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KILLARNEY WASTE DISPOSAL LTD.  
GRID REFERENCE: 93620E, 93937N

OWNERSHIP BOUNDARY

WASTE LICENCE BOUNDARY

DEVELOPMENT ACCESS ROAD

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**LEGEND**

- WASTE LICENCE BOUNDARY
- OWNERSHIP BOUNDARY

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**KWD RECYCLING**

Killarney Waste Disposal Ltd.  
Aughacurreen, Killarney, Co. Kerry.  
Tel: Killarney 064-32458, Tralee 066-7128850 | Fax: 064-38661

**NOTES**

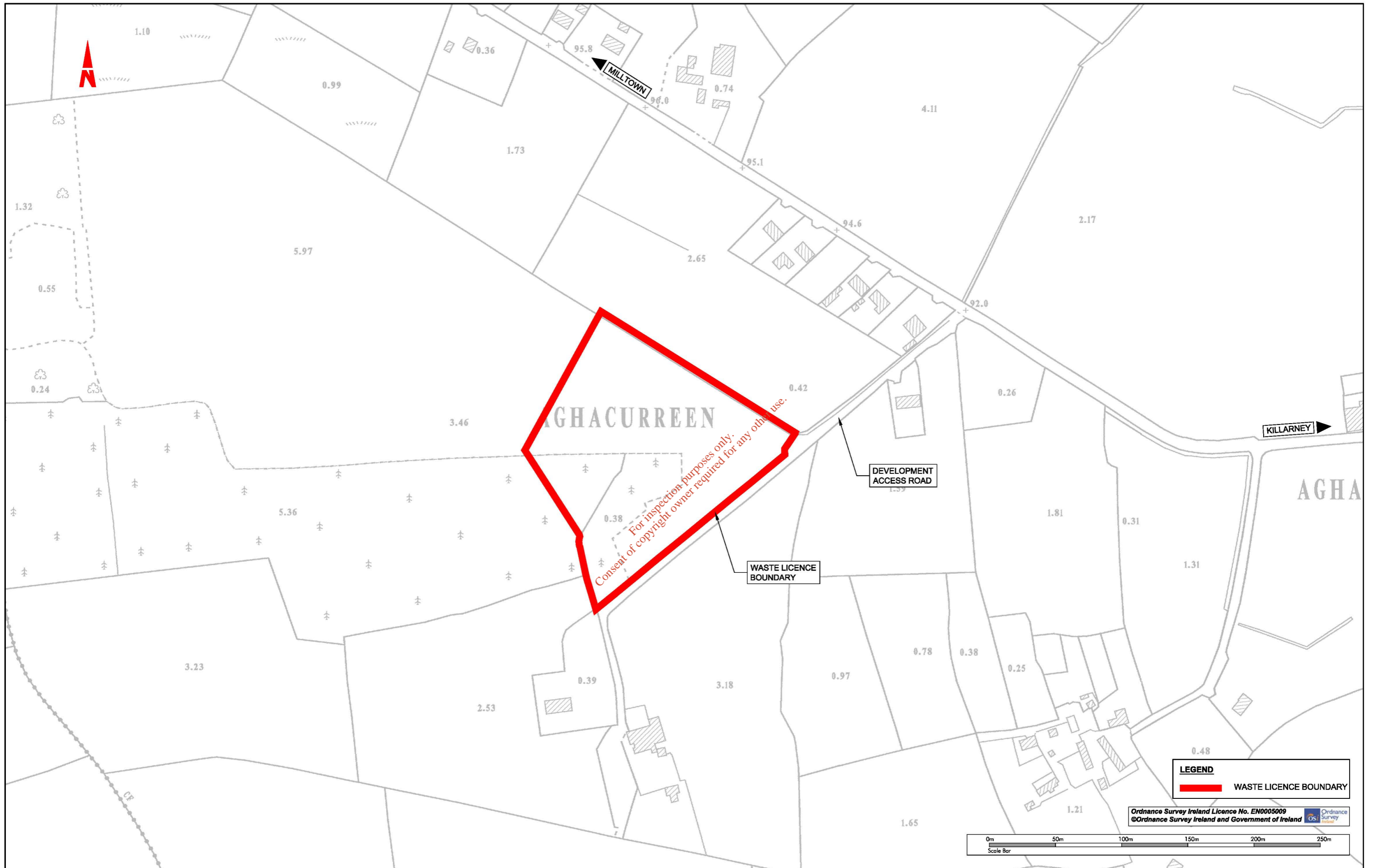
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No.	Date	Amendment / Issue	App
F01	05.07.10	Waste Licence Application	W.M.

Client <b>KILLARNEY WASTE DISPOSAL LTD.</b>			
Drawn By	Checked By	Approved By	Date
A.N.	S.G.	W.M.	July '10

Project <b>WASTE LICENCE REVIEW APPLICATION</b>	
Drawing Status	Scale / Sheet Size
PLANNING	1:5000 @ A1 1:10 000 @ A3

Drawing Number <b>MGE0109/DG0030-01</b>	Rev <b>F01</b>
Title <b>SITE LOCATION MAP</b>	
(Sheet 1 of 1)	



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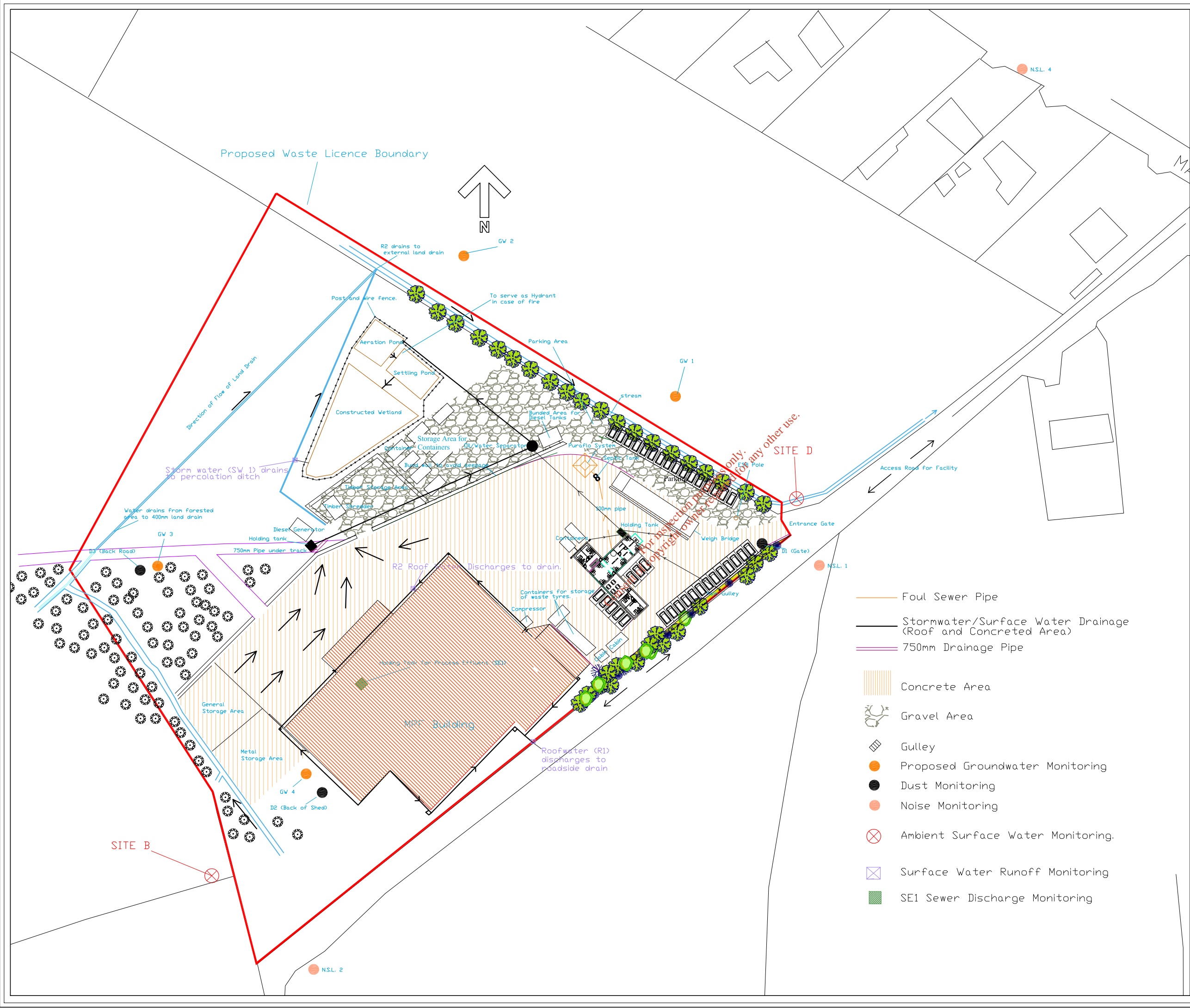
No.	Date	Amendment / Issue	App
F01	05.07.10	Waste Licence Application	W.M.

Client			
KILLARNEY WASTE DISPOSAL LTD.			
Drawn By	Checked By	Approved By	Date
A.N.	S.G.	W.M.	July '10


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Project					
WASTE LICENCE REVIEW APPLICATION					
Drawing Status	Scale / Sheet Size				
PLANNING	1:1250 @ A1	1:2500 @ A3			

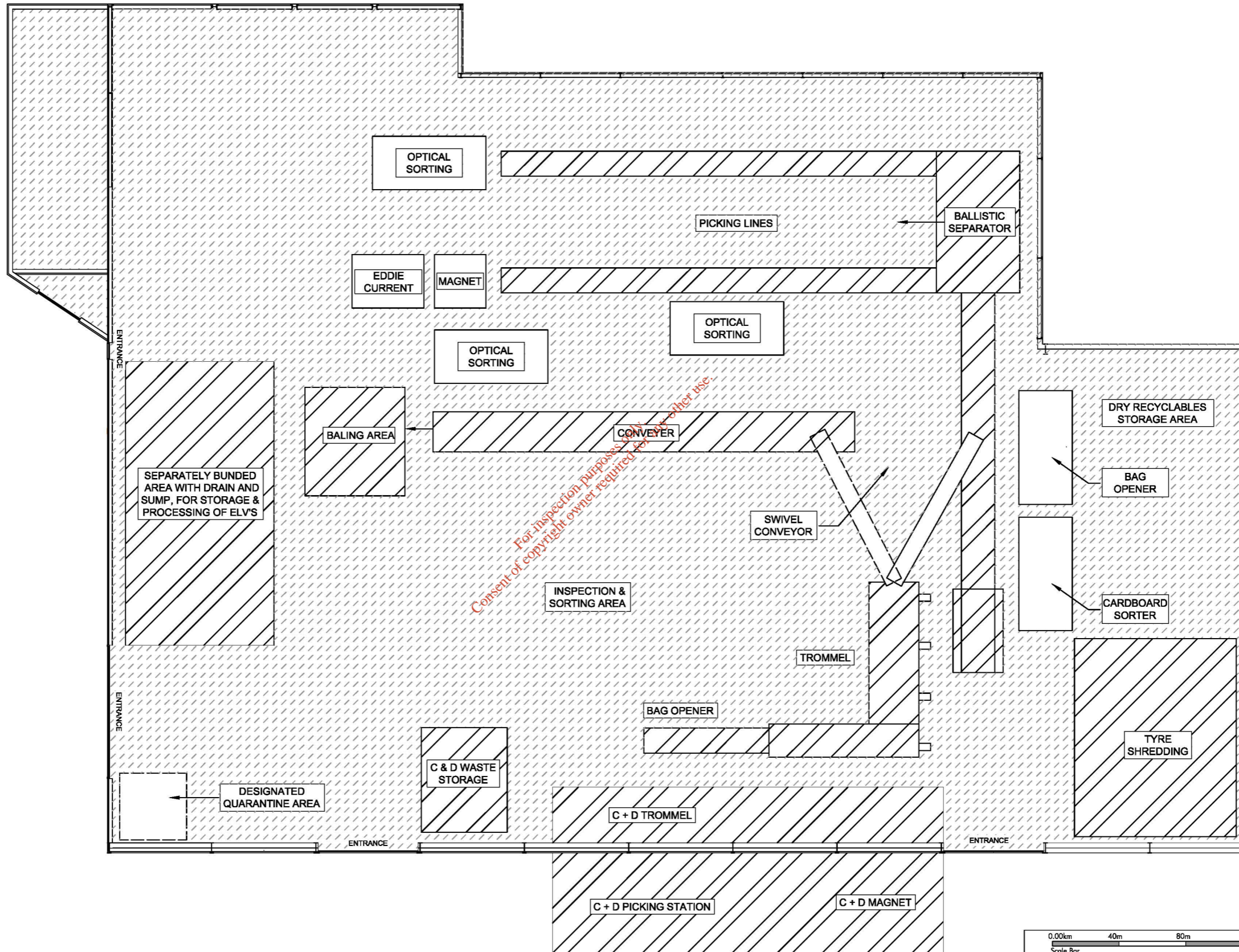
Drawing Number	Rev
MGE0109/DG0031-01	F01
Title	
SITE PLAN	
(Sheet 1 of 1)	

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 ALL ERRORS AND OMISSIONS TO BE REPORTED TO THE ARCHITECT.



- Foul Sewer Pipe
- Stormwater/Surface Water Drainage (Roof and Concreted Area)
- 750mm Drainage Pipe
- Concrete Area
- Gravel Area
- Gully
- Proposed Groundwater Monitoring
- Dust Monitoring
- Noise Monitoring
- Ambient Surface Water Monitoring
- Surface Water Runoff Monitoring
- SE1 Sewer Discharge Monitoring

REV No:	DATE:	REVISION:
 <p>consulting engineers and architects</p> <p>grosvenor court • upper high street • killybegs • co. Kerry        telephone: (064) 33412 / 33461 • fax: (064) 35387        mobile: (087) 252 1086 • e-mail: paudieom@indigo.ie</p>		
CLIENT: Killarney Waste Disposal Ltd		
JOB TITLE: Waste Licence Review Application		
DRAWING: Detailed Site Layout Plan		
SCALE: 1:500	DATE: March '09	
DRAWING No: DG0035-01	DRAWN: D'D'M	
REV No: F	CHECKED:	



# KWD RECYCLING

Killarney Waste Disposal Ltd.  
 Aughacureen, Killarney, Co. Kerry.  
 Tel: Killarney 064-32458, Tralee 066-7128850 | Fax: 064-38661

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No.	Date	Amendment / Issue	App
F01	05.07.10	Waste Licence Application	W.M.

Client			
KILLARNEY WASTE DISPOSAL LTD.			
Drawn By	Checked By	Approved By	Date
A.N.	S.G.	W.M.	July '10

RPS Lyr Building IDA Business & Technology Park Meroux, Galway T +353 91 534100 F +353 91 534199 W www.rpsgroup.com/ireland E ireland@rpsgroup.com	
Project	
WASTE LICENCE REVIEW APPLICATION	
Drawing Status	Scale / Sheet Size
PLANNING	1:125 @ A1 1:250 @ A3

Drawing Number	Rev
MGE0109/DG0034-01	F01
Title	
LAYOUT OF MRF BUILDING	
(Sheet 1 of 1)	