



TOBIN
Patrick J. Tobin & Co. Ltd.

Consulting Engineers

www.tobin.ie

Market Square,
Castlebar,
Co. Mayo, Ireland.
Tel: +353 (0)94 9021401
Fax: +353 (0)94 9021534

Fairgreen House,
Fairgreen Road,
Galway, Ireland.
Tel: +353 (0)91 565211
Fax: +353 (0)91 565398

Block 10-4,
Blanchardstown Corporate Park,
Dublin 15, Ireland.
Tel: +353 (0)1 8030401/6
Fax: +353 (0)1 8030409/10

Bedford Place, Howleys Quay,
Lower Shannon Street,
Limerick, Ireland.
Tel: +353 (0)61 415757
Fax: +353 (0)61 409378

2nd Floor, Elgee Building,
Market Square, Dundalk,
Co. Louth, Ireland.
Tel: +353 (0)42 9335107
Fax: +353 (0)42 9331715

Our Ref: ES/MMcD 6786-02-03

24 October, 2012

Administration
Environmental Licensing Programme
Waste Licensing Section
Environmental Protection Agency
PO Box 3000
Johnstown Castle Estate
County Wexford

Environmental Protection
Agency
31 OCT 2012

**Re: Application to the Environmental Protection Agency for a Review of Waste Licence W0256-01
Soil/Stones Recovery Facility, Tallagh, Belmullet, County Mayo
Lennon Quarries Ltd.
Response to 'Notice in Accordance with Article 8 of the Waste Management (Licensing) Regulations', dated 15 October 2012**

Dear Sir/Madam,

I am writing on behalf of our client *Lennon Quarries Ltd.*, with regards to their EPA Waste Licenced Facility at Tallagh, Belmullet, County Mayo (W0256-01).

EPA Waste Licence W0256-01 was granted on 20 May 2011, allowing the recovery of soil & stones, by deposition on the site at Tallagh, Belmullet, Co. Mayo, by *Lennon Quarries Ltd.*

An application for a Review of Waste Licence W0256-01 issued to the EPA on 22 August 2012.

This correspondence is in response to a 'Notice in Accordance with Article 8 of the Waste Management (Licensing) Regulations', received from the EPA, dated 15 October 2012.

Directors: L.E. Waldron (Chairman) R.F. Tobin (Managing Director) M.F. Garrick J. Colleran B.J. Downes S. Finlay P.J. Fogarty D. Grehan
J.P. Kelly B.M. Mulligan C. O'Keeffe E. Connaughton (Company Secretary) D.A. Downes (Consultant)

Associates: T. Cannon P. Cloonan D. Conneran T. Curran B. Gallagher B. Heaney B. Hutchinson D. Kennedy M. McDonnell C. McGovern
E. McPartlin

The above Notice advised that the notices published and erected, as part of the Waste Licence Review Application were misleading or inadequate for the information for the public. The Notice required that (in accordance with Article 8(b) of the Regulations) that new public notices were reissued/erected and that copies of the new public notices were sent to the EPA.

The following revised notices were reissued/erected and copies are now attached:

- Newspaper Notice (copy attached in Annex A)
Published – *The Connaught Telegraph*, 23 October 2012;
- Site Notice (copy attached in Annex B)
Erected – 23 October 2012;
- Letter/Notice to Mayo County Council, Planning Authority
Sent – 18 October 2012.

The originals of the above public notices were misleading in 2 no. ways:

1. They were headed - '*Application to the Environmental Protection Agency for a Technical Review of a Waste Licence*'. This wording was incorrect and contravened the requirements of Articles 6 and 7 of the Waste Management (Licensing) Regulations, 2004. The corrected notices, as reissued/erected, with copies attached (Annex A, B & C) are headed – '*Application to the Environmental Protection Agency for a Review of a Waste Licence*'.
2. The relevant Waste Recovery Operations, as per the Fourth Schedule of the Waste Management Act 1996, as amended and the Waste Management (Licensing) Regulations 2004 (S.I. No. 395 of 2004) were incorrectly listed. The correct wording, as per the reissued/erected notices, with copies attached (Annex A, B & C) is:

The Principle Operation to be carried out at the site:

Fourth Schedule - Waste Recovery Operation - R5

"Recycling/reclamation of other Inorganic Materials, which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials"

Other Operation to be carried out at the site:

Fourth Schedule - Waste Recovery Operation – R13

"Storage of Waste pending any of the operations numbered R1 to R12 (excluding temporary storage (being preliminary storage according to the definition of

'collection' in section 5(1)), pending collection, on the site where the waste is produced)"

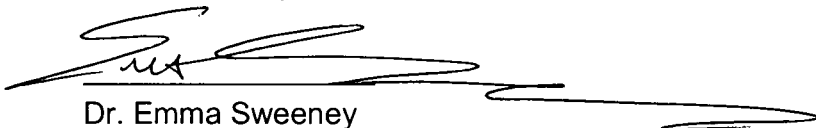
The incorrect listing of the relevant Waste Recovery Operations, as per the Fourth Schedule of the Waste Management Act 1996, as amended and the Waste Management (Licensing) Regulations 2004 (S.I. No. 395 of 2004) was also identified in a no. of Sections of the Waste Licence Review Application Form and in a no. of the Application Form Attachments. These Sections/Attachments have now been revised and are attached, as follows:

- Waste Licence Review Application Form – Section B.7.1 (copy attached in Annex D);
- Waste Licence review Application Form – Section H.1 (copy attached in Annex E);
- Waste Licence Review Application Form Attachment – Attachment A.1 (copy attached in Annex F);
- Waste Licence Review Application Form Attachment – Attachment B.7 (copy attached in Annex G);
- Waste Licence Review Application Form Attachment – Attachment H.1 (copy attached in Annex H).

As requested, this response has been submitted within 4 weeks of the date of the Notice, in the form of one original, plus two copies. Two electronic copies of the information submitted is also attached in electronic searchable PDF format on 2 no. CD-ROMs.

Should you wish to discuss any aspect of the information submitted, please feel free to contact me at any time.

Yours sincerely,



Dr. Emma Sweeney
Senior Environmental Scientist

cc: **Mr TJ Lennon, Lennon Quarries Ltd.**

ANNEX A

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ADVERTISING

www.con-telegraph.ie

email: hcasey@con-telegraph.ie tel: 094 90217

CLASSIFIEDS

PUBLIC NOTICES

APPLICATION TO THE ENVIRONMENTAL PROTECTION AGENCY FOR THE REVIEW OF A WASTE LICENCE

NOTICE IS HEREBY GIVEN in accordance with the provisions of the Waste Management Act 1996, as amended and Articles 5 and 7 of the Waste Management (Licensing) Regulations, 2004 (S.I. No. 395 of 2004), that Lennon Quarries Ltd., Glencastle, Bunnahowen, Ballina, Co. Mayo, are applying to the Environmental Protection Agency (Agency) for a Review of their Waste Licence W0256-01, for the recovery of soil and stone, on their site at Tallagh, Belmullet, Co. Mayo, which is located at National Grid Reference E469825 N835770.

The proposed works involve the acceptance of 90,000 tonnes per annum of soil and stone and their recovery, by spreading the material over the site area, with a consequential benefit for improving the land for agricultural use. There is no proposed change to the final levels of the site, as currently licensed, under Waste Licence W0256-01.

The relevant Waste Recovery Operations, as per the Fourth Schedule of the Waste Management Act 1996, as amended and the Waste Management (Licensing) Regulations 2004 (S.I. No. 395 of 2004) to which this application relates are:

The Principle Operation to be carried out at the site:

Fourth Schedule - Waste Recovery Operation - R5 "Recycling / reclamation of other Inorganic Materials, which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials"

Other Operation to be carried

SITUATIONS VACANT

Pilgrims Rest Nursing Home

Barley Hill, Westport
<http://www.pilgrimsrest.ie>

Have Vacancy for a

REGISTERED NURSE

Part Time Night Duty

DESCRIPTION

The successful applicant will work as part time night duty nurse to implement and evaluate the Nursing Care Plan. Responsible to Person In Charge. Currently registered with An Bord

APPLICATION

Skills Required: Excellent communication skills. Fluent in English written and spoken. Experience of elderly care.

Please apply below with cv and cover letter to info@pilgrimsrest.ie

Or Post to Noel Marley at The above address. You may telephone for a brief enquiry on 087 752 1234 to Noel Marley 087 752 1234

Healy's Restaurant

Pontoon, Foxford, Co Mayo.
Tel: +353 (0)94 92 56443 Fax: +353 94 92 56443
E-mail: info@healyspontoon.com
Website: www.healyspontoon.com



Due to the expansion of our food business we are seeking to employ an extra chef (qualified) who will be responsible for the kitchen. Please contact owner John Devereux at 086 6007001 / 094 9256443 to arrange an interview. Or drop in with your C.V. to

all about them...



...but it's up to you!

Children's Referendum is on
Friday, 10th November



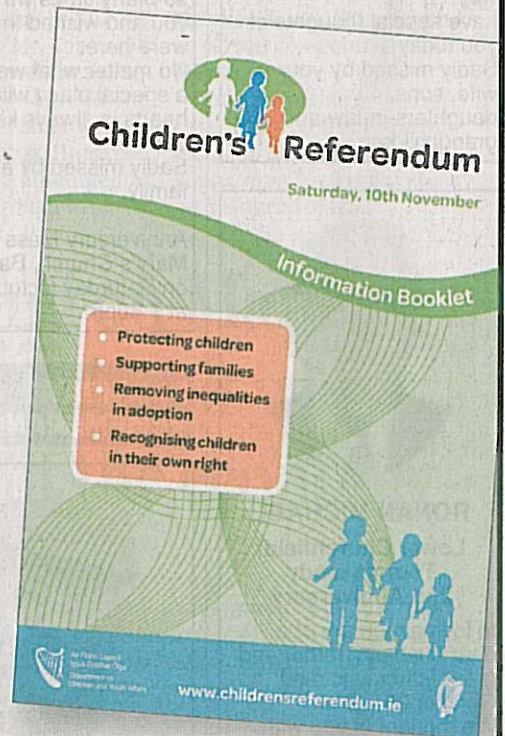
note counts

The Children's Referendum will give the people of Ireland the opportunity to vote on the place of children in our society.

Information:

childrensreferendum.ie

Department of Children and Youth Affairs booklet, which will be delivered to your home.



childrensreferendum.ie

and recycling of construction materials"

Other Operation to be carried out at the site:

Fourth Schedule - Waste Recovery Operation - R13 "Storage of Waste pending any of the operations numbered R1 to R12 (excluding temporary storage (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced)"

A copy of this application for the Review of a Waste Licence and such further information relating to the application, as may be furnished to the Agency in the course of the Agency's consideration of the application, will, as soon as is practicable after receipt by the Agency, be available for inspection or purchase, at the headquarters of the Agency, Johnstown Castle Estate, County Wexford

Please contact owner John Dever at 086 6007001 / 094 9256443 to arrange or drop in with your C.V. to

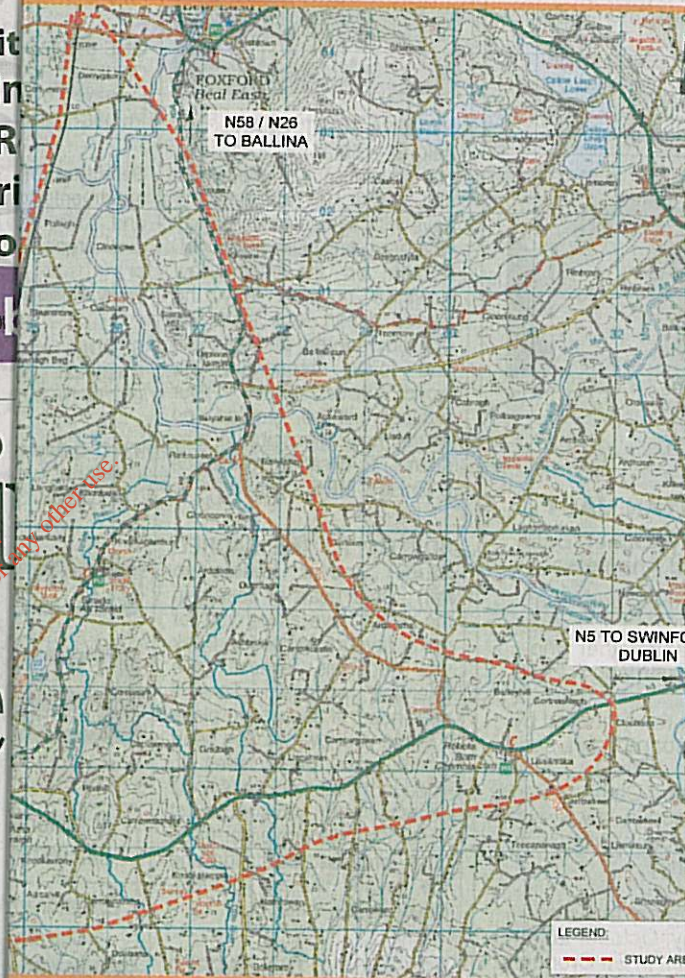
Mayo Beauty Requires

Qualified Beauty Starting January

Apply in writing with The Skin Deep In Unit 4A, Lakeside Road Claremorris Co. Mayo

By Friday October

BOHOLA ROAD



Skoda delivers affordable saloon for

Open week from October 27 to November

SKODA has launched its new compact saloon, the Rapid, across showrooms nationwide.

Available in three different specification variants, both manual and automatic transmission options and five engine alternatives, the Rapid is competitively priced from €15,995 and will suit families looking for a roomy car at an affordable price.

To mark the launch of the Rapid into Mayo, Monaghan & Sons, Castlebar, is holding an open week from Saturday, October 27, to Saturday, November 3, where motorists can test drive the Rapid and avail of special introductory offers for new 2013 purchases.

Competing in the diesel-dominated A-segment, the new Skoda Rapid offers a



The new Skoda Rapid is aimed at families looking for a spacious saloon at an affordable price.

broad range of petrol engines, from the 1.2-litre MPI delivering 75bhp to the turbo-charged TSI units in 1.2 and 1.4 litres ranging from 86bhp to 122bhp. A diesel unit is offered in the form of the 1.6-litre TDI producing 105bhp.

In CO2 emission terms the 1.6-litre TDI and 1.2-litre TSI both achieve road tax band A status, with the remaining engines falling into band B.

The appointed consultants to develop route options for links between Foxford, Bohola and Turlough. The map constraints and feasible route options are currently being presented to the public in the coming months, when you can express your views on the identified routes and contribute your knowledge to the route selection process.

Comments or suggestions in advance of the future public consultation

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ANNEX B

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SITE NOTICE

APPLICATION TO THE ENVIRONMENTAL PROTECTION AGENCY FOR THE REVIEW OF A WASTE LICENCE

NOTICE IS HEREBY GIVEN in accordance with the provisions of the Waste Management Act 1996, as amended and Articles 5 and 7 of the Waste Management (Licensing) Regulations, 2004 (S.I. No. 395 of 2004), that Lennon Quarries Ltd., Glencastle, Bunnahowen, Ballina, Co. Mayo, are applying to the Environmental Protection Agency (Agency) for a Review of their Waste Licence W0256-01, for the recovery of soil and stone, on their site at Tallagh, Belmullet, Co. Mayo, which is located at National Grid Reference E469825 N835770.

The proposed works involve the acceptance of 90,000 tonnes per annum of soil & stone and their recovery, by spreading the material over the site area, with a consequential benefit for improving the land for agricultural use. There is no proposed change to the final levels of the site, as currently licensed, under Waste Licence W0256-01.

The relevant Waste Recovery Operations, as per the Fourth Schedule of the Waste Management Act 1996, as amended and the Waste Management (Licensing) Regulations 2004 (S.I. No. 395 of 2004) to which this application relates are:

The Principle Operation to be carried out at the site:

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A copy of this application for the Review of a Waste Licence and such further information relating to the application, as may be furnished to the Agency in the course of the Agency's consideration of the application, will, as soon as is practicable after receipt by the Agency, be available for inspection or purchase, at the headquarters of the Agency, Johnstown Castle Estate, County Wexford.

Signed: 

Agent: Dr. Emma Sweeney
Tobin Consulting Engineers, Market Square, Castlebar, Co. Mayo

Date of Erection of Site Notice: 23 October 2012

ANNEX C

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2nd Floor, Elgee Building,
Market Square, Dundalk,
Co. Louth, Ireland.
Tel: +353 (0)42 9335107
Fax: +353 (0)42 9331715

Our Ref: ES/MMcD 6786-02-06

18 October, 2012

Planning Department
Mayo County Council
Arás an Chontae
The Mall
CASTLEBAR
County Mayo

**Re: Application to the Environmental Protection Agency for a Review
of Waste Licence W 0256-01
Lennon Quarries Ltd., Tallagh Soil & stone Recovery Site, Belmullet
Amendment to Letter dated 22 August 2012**

Dear Sir/Madam,

A letter issued to you on 22 August 2012, giving notice in accordance with the provisions of the Waste Management Acts, 1996 to 2011 and Articles 5 and 7 of the Waste Management (Licensing) Regulations, 2004 (S.I. No. 395 of 2004), that Lennon Quarries Ltd., Glencastle, Bunnahowen, Ballina, County Mayo were applying to the Environmental Protection Agency (EPA) for a Review of their Waste Licence W0256-01, at the above address. This letter incorrectly listed the Waste Recovery Operations (as per the Fourth Schedule of the Waste Management Acts 1996 to 2011 and the Waste Management (Licensing) Regulations 2004 (S.I. No. 395 of 2004)), proposed by the Waste Licence Review Application

We therefore now reissue an amended notice to you:

NOTICE IS HEREBY GIVEN in accordance with the provisions of the Waste Management Act 1996, as amended and Articles 5 and 7 of the Waste Management (Licensing) Regulations, 2004 (S.I. No. 395 of 2004), that Lennon Quarries Ltd., Glencastle, Bunnahowen, Ballina, County Mayo, are applying to the Environmental Protection Agency (Agency) for a Review of their Waste Licence W0256-01, for the recovery of soil and stone, on their site at Tallagh, Belmullet, County Mayo, which is located at National Grid Reference E469825 N835770.

Directors: L.E. Waldron (Chairman) R.F. Tobin (Managing Director) M.F. Garrick J. Colleran B.J. Downes S. Finlay P.J. Fogarty D. Grehan
J.P. Kelly B.M. Mulligan C. O'Keefe E. Connaughton (Company Secretary) D.A. Downes (Consultant)

Associates: T. Cannon P. Cloonan D. Conneran T. Curran B. Gallagher B. Heaney B. Hutchinson D. Kennedy M. McDonnell C. McGovern
E. McPartlin

The proposed works involve the acceptance of 90,000 tonnes per annum of soil & stone and their recovery, by spreading the material over the site area, with a consequential benefit for improving the land for agricultural use. There is no proposed change to the final levels of the site, as currently licensed, under Waste Licence W0256-01.

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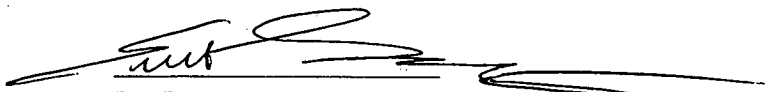
"Storage of Waste pending any of the operations numbered R1 to R12 (excluding temporary storage (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced)"

A copy of this application for the Review of a Waste Licence and such further information relating to the application, as may be furnished to the Agency in the course of the Agency's consideration of the application, will, as soon as is practicable after receipt by the Agency, be available for inspection or purchase, at the headquarters of the Agency, Johnstown Castle Estate, County Wexford.

Following correspondence with your office in April 2012, we understand that the above-proposed development is exempt from planning.

Should you wish to discuss the above, please do not hesitate to contact me.

Yours sincerely,



Dr Emma Sweeney
Senior Environmental Scientist

ANNEX D

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**B.7 Type of Waste Activity, Tonnages & Fees
(REVISION B)**

B.7.1 Specify the class or classes of activity in Table B.7.1, in accordance with the Third Schedule or Fourth Schedule to the Waste Management Acts 1996 to 2010, as amended by the European Communities (Waste Directive) Regulations, 2011, to which the application relates (check the relevant box(es) and mark the principal activity with a 'P').

Attachment B.7 should identify the principal activity and include a brief technical description of each of the other activities specified. There can only be one principal activity.

TABLE B.7.1 THIRD AND FOURTH SCHEDULES OF THE WASTE MANAGEMENT ACT 1996, AS AMENDED.

Waste Management Act 1996, as amended.					
Third Schedule Waste Disposal Operations		Y/N	Fourth Schedule Waste Recovery Operations		Y/N
D 1	Deposit into or on to land (e.g. including landfill, etc.).	N	R 1	<p>Use principally as a fuel or other means to generate energy. This includes incineration facilities dedicated to the processing of municipal solid waste only where their energy efficiency is equal to or above:</p> <ul style="list-style-type: none"> - 0.60 for installations in operation and permitted in accordance with applicable Community acts before 1 January 2009, - 0.65 for installations permitted after 31 December 2008, <p>using the following formula, applied in accordance with the reference document on Best Available Techniques for Waste Incineration: Energy efficiency = $(E_p - (E_f + E_i)) / (0.97 \times (E_w + E_f))$ where—</p> <p>'Ep' means annual energy produced as heat or electricity and is calculated with energy in the form of electricity being multiplied by 2.6 and heat produced for commercial use multiplied by 1.1(GJ/year),</p> <p>'Ef' means annual energy input to the system from fuels contributing to the production of steam (GJ/year),</p> <p>'Ew' means annual energy contained in the treated waste calculated using the net calorific value of the waste (GJ/year),</p> <p>'Ei' means annual energy imported excluding Ew and Ef(GJ/year),</p> <p>'0.97' is a factor accounting for energy losses due to bottom ash and radiation.</p>	N
D 2	Land treatment (e.g. biodegradation of liquid or sludgy discards in soils, etc.).	N	R 2	Solvent reclamation/regeneration.	N
D 3	Deep injection (e.g. injection of pumpable discards into wells, salt domes or naturally occurring repositories, etc.).	N	R 3	Recycling /reclamation of organic substances which are not used as solvents (including composting and other biological transformation	N

				processes), which includes gasification and pyrolysis using the components as chemicals.	
D 4	Surface impoundment (e.g. placement of liquid or sludgy discards into pits, ponds or lagoons, etc.).	N	R 4	Recycling/reclamation of metals and metal compounds.	N
D 5	Specially engineered landfill (e.g. placement into lined discrete cells which are capped and isolated from one another and the environment, etc.).	N	R 5	Recycling/reclamation of other inorganic materials, which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials.	Y (P)
D 6	Release into a water body except seas/oceans.	N	R 6	Regeneration of acids or bases.	N
D 7	Release to seas/oceans including sea-bed insertion.	N	R 7	Recovery of components used for pollution abatement.	N
D 8	Biological treatment not specified elsewhere in this Schedule which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12.	N	R 8	Recovery of components from catalysts.	N
D 9	Physico-chemical treatment not specified elsewhere in this Schedule which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12 (e.g. evaporation, drying, calcinations, etc.).	N	R 9	Oil re-refining or other reuses of oil.	N
D 10	Incineration on land.	N	R 10	Land treatment resulting in benefit to agriculture or ecological improvement.	N
D 11	Incineration at sea (this operation is prohibited by EU legislation and international conventions).	N	R 11	Use of waste obtained from any of the operations numbered R 1 to R 10.	N
D 12	Permanent storage (e.g. emplacement of containers in a mine, etc).	N	R 12	Exchange of waste for submission to any of the operations numbered R 1 to R 11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as, amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11).	N
D 13	Blending or mixing prior to submission to any of the operations numbered D 1 to D 12 (if there is no other D code appropriate, this can include preliminary operations prior to disposal including pre-processing such as, amongst others, sorting, crushing, compacting, pelletising, drying, shredding, conditioning or separating prior to submission to any of the operations numbered D1 to D12).	N	R 13	Storage of waste pending any of the operations numbered R 1 to R 12 (excluding temporary storage (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced).	Y
D 14	Repackaging prior to submission to any of the operations numbered D 1 to D 13.	N			
D 15	Storage pending any of the operations numbered D 1 to D 14 (excluding temporary storage (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced).	N			

ANNEX E

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SECTION H MATERIALS HANDLING

H.1 Waste Types and Quantities – Existing & Proposed **(REVISION B)**

Provide an estimation of the quantity of waste likely to be handled in relation to each class of activity applied for. This information should be included in Table H.1(a).

TABLE H.1(A). QUANTITIES OF WASTE IN RELATION TO EACH CLASS OF ACTIVITY APPLIED FOR

Waste Management Acts 1996 to 2010 3rd Schedule (Disposal) Operations		Waste Management Acts 1996 to 2010 4th Schedule (Recovery) Operations	
Class of Activity Applied For	Quantity (tpa)	Class of Activity Applied For	Quantity (tpa)
Class D 1	NOT APPLICABLE	Class R 1	NOT APPLICABLE
Class D 2	NOT APPLICABLE	Class R 2	NOT APPLICABLE
Class D 3	NOT APPLICABLE	Class R 3	NOT APPLICABLE
Class D 4	NOT APPLICABLE	Class R 4	NOT APPLICABLE
Class D 5	NOT APPLICABLE	Class R 5	89,600
Class D 6	NOT APPLICABLE	Class R 6	NOT APPLICABLE
Class D 7	NOT APPLICABLE	Class R 7	NOT APPLICABLE
Class D 8	NOT APPLICABLE	Class R 8	NOT APPLICABLE
Class D 9	NOT APPLICABLE	Class R 9	NOT APPLICABLE
Class D 10	NOT APPLICABLE	Class R 10	NOT APPLICABLE
Class D 11	NOT APPLICABLE	Class R 11	NOT APPLICABLE
Class D 12	NOT APPLICABLE	Class R 12	NOT APPLICABLE
Class D 13	NOT APPLICABLE	Class R 13	400
Class D 14	NOT APPLICABLE		
Class D 15	NOT APPLICABLE		

In Table H. 1 (B) provide the annual amount of waste handled/to be handled at the facility. Additional information should be included in **Attachment H.1**. The tonnage per annum should be given of that expected for the life of the licence, with at least the next five years tonnages provided. For Landfill Review applications provide an estimate of the quantity of waste already deposited in (i) lined cells; (ii) unlined cells.

TABLE H.1(B) ANNUAL QUANTITIES AND NATURE OF WASTE

Year	Non-hazardous waste (tonnes per annum)	Hazardous waste (tonnes per annum)	Total annual quantity of waste (tonnes per annum)
2013 until licensed 1m land raise reached	90,000	None	90,000

A detailed inventory of the types and quantities of wastes currently handled at the site and proposed to be handled should be submitted as Table H.1 (C).

TABLE H.1 (C) WASTE TYPES AND QUANTITIES

WASTE TYPE	TONNES PER ANNUM (existing)	TONNES PER ANNUM (proposed)	TOTAL (over life of site) tonnes
Household	0 Tonnes/Annum	0 Tonnes/Annum	0 Tonnes
Commercial	0 Tonnes/Annum	0 Tonnes/Annum	0 Tonnes
Sewage Sludge	0 Tonnes/Annum	0 Tonnes/Annum	0 Tonnes
Construction and Demolition (Soil & Stone Only)	24,900 Tonnes/Annum	90,000 Tonnes/Annum	265,000 (to reach licensed 1m land raise)
Industrial Non- Hazardous Sludges	0 Tonnes/Annum	0 Tonnes/Annum	0 Tonnes
Industrial Non- Hazardous Solids	0 Tonnes/Annum	0 Tonnes/Annum	0 Tonnes
Hazardous *(Specify detail in Table H 1.2)	0 Tonnes/Annum	0 Tonnes/Annum	0 Tonnes
Inert Waste imported for restoration purposes		COMPLETE FOR LANDFILL & CONTAMINATED LAND FACILITIES ONLY	

*** TABLE H.1.2 HAZARDOUS WASTE TYPES AND QUANTITIES**

HAZARDOUS WASTE	DETAILED DESCRIPTION * REFERENCE SHOULD BE MADE TO THE RELEVANT EUROPEAN WASTE CATALOGUE CODES AS PRESENTED BY COMMISSION DECISION 2000/532/EC	Tonnes Per Annum (Existing)	(Tonnes Per Annum Proposed)
Waste Oil			
Oil filters			
Asbestos			
Paint and Ink			
Batteries	NOT APPLICABLE		
Fluorescent Light Bulbs			
Contaminated Soils			
OTHER HAZARDOUS WASTE (APPLICANT TO SPECIFY)			

Attachment H.1 should contain any relevant additional information.

It should be noted that an applicant may be issued with a licence which restricts the type of wastes which may be deposited.

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ANNEX F

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ATTACHMENT A.1

Non-Technical Summary (REVISION B)

A Non-Technical Summary of the Waste Licence Review Application, which complies with the requirements of Article 12 (1) (u) of the Waste Management (Licensing) Regulations, S.I. 395 of 2004 is presented below.

NON-TECHNICAL SUMMARY

This Application for a Review of Waste Licence, W0265-01, is being made by Lennon Quarries Ltd., Glencastle, Bunnahowen, Ballina, Co. Mayo, telephone 097 81297, fax 097 81734, email tjlennon@lennonquarries.com. Lennon Quarries Ltd. is a body corporate, with its registered office at the above address. The company registration number is 263357. Lennon Quarries Ltd. are both the applicant and the operator of the facility, currently licensed by Waste Licence W0256-01.

TOBIN Consulting Engineers have prepared this Application for a Review of Waste Licence, W0265-01, on behalf of their client - Lennon Quarries Ltd. (Contact – Dr. Emma Sweeney, Senior Environmental Scientist) ('TOBIN'), Market Square, Castlebar, Co. Mayo, telephone 094 9021401, fax 094 9021534, email emma.Sweeney@tobin.ie. All correspondence relating to this Review Application should be directed towards TOBIN.

This review application relates to a site at Tallagh, Belmullet, Co. Mayo, the location of which is shown on Drawing No. 2084-2600 Rev B and Drawing No. 2084-2601 Rev B (attached in 'Application Drawings'). Two bench marks set up by TOBIN at the second entrance gate to the facility have the National Grid Reference E470040 N835694 (Bench Mark 1) and E470033 N835690 (Bench Mark 2), as shown on Drawing No. 2084-2603 Rev C (attached in 'Application Drawings'). The site is owned TJ Lennon. The extent of the land ownership shown on Drawing No. 2084-2602 Rev C (attached in 'Application Drawings').

The 'Site Layout Plan' is shown on Drawing No. 2084-2603 Rev C (attached in 'Application Drawings'). The site has a total area of 27.22ha, which includes the site access road, the proposed area of deposition (20.48ha) and a proposed

buffer zone in the northern section of the site (4.46ha), which separates the area of deposition from the Clooneen River, which flows in an easterly direction, along the northern boundary of the site.

The site, currently operated under Waste Licence W0256-01, is located within the functional area of Mayo County Council Planning Authority. However, the activities proposed to be carried out as described in this Application for a Review of Waste Licence W0256-01 are exempt from Planning Permission, under the Planning and Development Regulations, 2001, Schedule 2, Part 3 - Exempted Development – Rural, Class 11 - Land Reclamation, Sub-Class (b): "Land Reclamation".

There is no discharge of trade effluent or other matter, to sewer (existing or proposed) from the site.

The works proposed under the Application for a Review of Waste Licence W0256-01 are for the acceptance of a maximum of 90,000 Tonnes per annum of non-hazardous/inert soil & stone and its recovery, by spreading the material over the site deposition area, with a consequential benefit of improving the land for agricultural use.

There is no change in the material (EWC Waste Category) proposed to be accepted at the site. It is that material currently licensed to be accepted under the existing Waste Licence W0256-01, namely:

EWC 17 05 04:

Soil & Stones, other than those mentioned in 17 05 03.

It is proposed to accept 90,000 Tonnes per annum of Soil & Stone (EWC 17 05 03).

The activity proposed in this Waste Licence Review Application is not an establishment to which the European Communities (Control of Major Accident Hazards involving Dangerous substances) Regulations, 2000 (S.I. No. 476 of 2000), will apply.

The relevant Waste Recovery Operations, as per the Fourth Schedule of the Waste Management Act 1996, as amended and the Waste Management (Licensing) Regulations 2004 (S.I. No. 395 of 2004) to which this application relates are:

The **Principle Operation** to be carried out at the site:

Fourth Schedule - Waste Recovery Operation - R5

"Recycling/reclamation of other Inorganic Materials, which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials"

This operation relates to the acceptance of inert soil & stone and its recovery, by spreading the material over the site area, with a consequential benefit for improving the land for agricultural use (as is currently licensed under Waste Licence W0256-01).

The operations will also be covered under the following:

Fourth Schedule - Waste Recovery Operation – R13

"Storage of Waste pending any of the operations numbered R1 to R12 (excluding temporary storage (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced)"

This operation allows for the storage of inert soil & stone before it is reclaimed by spreading the material over the site area (as is currently licensed under Waste Licence W0256-01).

Drawing No. 2084-2607 Rev C (Attached in 'Application Drawings') presents the '*Topographic Map of the Site*'. The site is currently licensed, under Waste Licence W0256-01, to accept soil & stone to raise the level of the site by one metre, in order to improve the land for agricultural purposes. This application for a Review of Waste Licence W0256-01 proposes no change to the final topographic levels licensed under W0256-01.

Drawing No. 2084-2608 Rev D - (Attached in 'Application Drawings'), shows the '*Proposed Topographic Map of Application Site, Showing Final Ground Levels*' with proposed 1m Land Raise shown.

Cross Section Locations A-A, B-B, C-C, D-D & E-E are shown on Drawing 2084-2607 Rev C & Drawing No. 2084-2608 Rev D (Attached in 'Application Drawings', Tab 15), with the Cross Sections presented on Drawing No. 2084-2609 Rev D, Drawing No. 2084-2610 Rev D & Drawing No. 2084-2611 Rev D (Attached in 'Application Drawings'). The Cross Sections clearly show the Land Raise by 1m. The existing open surface water drains that cut through the Area

of Waste Deposition, will also be raised by 1m, as shown on the Cross Section Drawings.

There is no proposed change to the operational lifetime of the site. This Review Application proposes that the maximum potential acceptance of Soil & Stone will be 90,000 Tonnes per annum, though the tonnes accepted in a year may be less than this figure, so that this Review Application proposes and that the site is operational, until the 1m Land Raise, as currently licensed, is reached.

The 'Proposed Hours of Operation' for the facility are 8.00am to 6.00pm - Monday to Friday, 8.00am to 2.00pm - Saturday, and Closed on Sundays & Bank Holidays. The 'Proposed Hours of Material Acceptance/Handling' are 8.30am to 5.30pm - Monday to Friday, 8.30am to 1.30pm - Saturday, and Closed on Sundays & Bank Holidays. The difference between the 'Proposed Hours of Operation' and the 'Proposed Hours of Material Acceptance/Handling' reflect the time allowed for set-up and clean up works each day.

The Site Office is located along the site entrance road as shown on Drawing No. 2084-2612 Rev D (attached in 'Application Drawings'). Waste Quarantine skips are located adjacent to the site office.

As licensed under current Waste Licence W0256-01, a hardcore area (with a surface dressing of clean broken stone) was developed close to the entrance gate, as shown on Drawing No. 2084-2612 Rev E (attached in 'Application Drawings'). This allows haulage trucks to enter the site, turn, and deposit their material, along the perimeter of the hardcore area.

As undertaken under the existing Waste Licence, the Deputy Facility Manager/Machine Operative will inspect each load, as it is being deposited, to ensure the material is fully compliant with the Waste Licence. If the material is non-compliant, the Deputy Facility Manager/Machine Operative will insist that the material is reloaded onto the haulage truck and removed from the site, for authorised disposal elsewhere.

As undertaken under the existing Waste Licence, once the haulage trucks deposit their material, along the perimeter of the hardcore area, the excavator will shift the inert material, from where it is deposited by the haulage trucks, and spread it over the area of the deposition site, in compliance with the Waste Licence. If waste objects are identified within the inert material (whilst shifting/reclaiming the material), which are not compliant with the Waste

Licence (e.g. pieces of wood, plastic, metal), they will be removed and transported to the Waste Quarantine skips, located adjacent to the site office.

As undertaken under the existing Waste Licence, the Deputy Facility Manager/Machine Operative will keep a record of all material arriving at the facility, including the following information:

- Date;
- Time;
- Owner Truck;
- Truck Licence Plate No.;
- Type of Material;
- Origin of Material;
- Quantity of Material.

It is not proposed to install a weighbridge at the facility.

Based on the proposed annual intake of 90,000 Tonnes, it is expected that there will be approximately 4,500 truckloads of inert material delivered to the site on an annual basis (i.e. ca. 90 loads per week). This small quantity of truck arrivals does not justify the expense of installing a weighbridge.

As undertaken under the existing Waste Licence, the Deputy Facility Manager/Machine Operative on the site will have a record of the capacity of each of the trucks, which will allow him to keep an accurate record of volumes/quantities of inert materials being accepted at the facility on a daily basis.

The only fuels required at the site will be Diesel (ca. 100 Litres/week) and Hydraulic Oil (ca. 40 Litres/Annum), to run the onsite plant (Hitachi 200 excavator) and the small generator required to provide electricity to the site accommodation (Portocabin). It is not proposed to store any fuel onsite. A fuel tanker will visit the site, when required and fill the onsite plant (Hitachi 200 excavator & small generator).

Water will be provided to the facility (Portocabin) by tanker, and stored in a holding tank.

No chemicals (e.g. Insecticides, Herbicides, Rat Poisons, Cleaning Agents, Water Treatment Chemicals, Cooling Water/Boiling Water Additives, Laboratory Chemicals, etc.) will be required or accepted at the facility.

The only 'Energy' proposed to be used at the facility will be that to run the facility plant (Hitachi 200 excavator) and the generator (to provide electricity to the site Portocabin). To ensure energy efficiency, the facility plant engine will be switched off when not in use and the generator will only be used when absolutely necessary. Based on the above, it is anticipated that the proposed facility will be very energy efficient

There are/will be no emissions to sewer or groundwater from the facility. The only noise emission from the site will be the one piece of mobile plant (Hitachi 200 excavator). There are/will be 5 no. surface water emissions from site surface water drainage system to the Clooneen River (as shown on Drawing No. 2084-2613 Rev C, attached in 'Application Drawings'). The only emissions to atmosphere will be from the exhaust of the mobile plant and haulage trucks arriving/departing the site, and of dust from the unloading, stockpiling and movement of the inert waste for recovery, around the site.

'Treatment, Abatement and Control Systems' which have been put in place to ensure emissions from the facility will not result in the contravention of any environmental standard include: the construction of 5 no. Settlement Ponds on all drainage channels prior to their discharge from the site (shown on Drawing No. 2084-2614 Rev D, attached in 'Application Drawings', the regular servicing of facility plant to ensure that noise and exhaust emissions are kept to a minimum, and the use of a tractor with water bowser to dampen down dust from the facility during periods of extended dry weather.

Monitoring of 'Surface Water' at 5 no. locations on the Clooneen River (including samples from upstream & downstream of the site) on a quarter yearly basis is presently undertaken under current Waste Licence W0256-01. Monitoring of 'Settlement Dust' at 3 no. locations around the site boundary, on a biannual basis is presently undertaken under current Waste Licence W0256-01. Monitoring of 'Noise' will only be carried out following a request from the EPA or following a noise complaint by local residents, as is conditioned under current Waste Licence W0256-01. The locations of all monitoring locations, are shown on Drawing No. 2084-2606 Rev D (attached in 'Application Drawings').

The main accidents of concern at the site are an accidental fuel spillage, or a fire at the facility. As currently is undertaken, necessary measures to be taken to prevent these accidents occurring, and actions to be taken should an accident occur will be provided to all personnel on the site in the form of 'Accident Prevention & Emergency Response' Report.

Due to the simple process of material recovery/reclamation proposed for the facility, very little remediation or decommissioning will be required. The site will be remediated and decommissioned in compliance with the 'Closure, Restoration & Aftercare Plan' (CRAMP) submitted to the EPA in compliance with current Waste Licence W0256-01. Once each phase of deposition of waste soil & stones is complete, the deposition area will be covered with a 150-300mm layer of topsoil and professionally seeded, to bring it to prime agricultural grazing land.

The Applicant - Lennon Quarries Ltd. is a 'Fit & Proper Person', complying with all of the requirements of Section 40(7) of the Waste Management Acts 1996 to 2003'

The applicant (Lennon Quarries Ltd.), or any person working for the applicant, have not been convicted of an offence under the Waste Management Acts 1996 to 2003, the EPA Act 1992 and 2003, the Local Government (Water Pollution) Acts 1977 and 1990 or the Air Pollution Act 1987.

Condition 2.1.2 of the current Waste Licence W0256-01 states:

'The licensee shall ensure that personnel performing specifically assigned tasks shall be qualified in the basis of appropriate education, training and experience as required and shall be aware of the requirements of this licence. In addition, the facility manager and his/her deputy shall, within six months of the date of grant of this licence, successfully complete a FAS waste management training programme or equivalent agreed by the Agency'

In compliance with the conditions of current Waste Licence W0256-01, Tobin Consulting Engineers, on behalf of Lennon Quarries Ltd, have provided confirmation to the EPA, including verbal and written correspondence (Tobin letter to EPA dated 29 March 2012), of compliance with this requirement.

Lennon Quarries Ltd. are in a position to meet any financial commitments or liabilities that the Agency reasonably considers will be entered into or incurred by him or her in carrying on the activity to which the waste licence will relate in accordance with the terms thereof or in consequence of ceasing to carry on that activity.

ANNEX G

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ATTACHMENT B.7

Type of Waste Activity, Tonnages & Fees (REVISION B)

B.7.1 Type of Waste Activity:

The relevant Waste Recovery Operations, as per the Fourth Schedule of the Waste Management Act 1996, as amended and the Waste Management (Licensing) Regulations 2004 (S.I. No. 395 of 2004) to which this Waste Licence Review Application relates are:

The **Principle Operation** to be carried out at the site:

Fourth Schedule - Waste Recovery Operation - R5

"Recycling/reclamation of other Inorganic Materials, which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials"

This operation relates to the acceptance of inert soil & stone and its recovery, by spreading the material over the site area, with a consequential benefit for improving the land for agricultural use.

The operations will also be covered under the following:

Fourth Schedule - Waste Recovery Operation – R13

"Storage of Waste pending any of the operations numbered R1 to R12 (excluding temporary storage (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced)"

This operation allows for the storage of inert soil & stone before it is reclaimed by spreading the material over the site area (as is currently licensed under Waste Licence W0256-01).

B.7.2 Tonnages:

The maximum annual tonnage of waste proposed to be accepted at the site is 90,000 Tonnes per annum. A letter from Tobin Consulting Engineers to the EPA, (letter of 9th July 2012 from Sean Finlay, Tobin, to Brian Meaney, EPA) indicated that the total tonnage of soil & stone to be accepted & recovered at the facility was 265,000 tonnes and that there will be no proposed change in the

proposed topographical levels for which current Waste Licence W0256-01 is issued. The same 1m land raise, as licensed in current Waste Licence W0256-01, will be maintained.

If the currently anticipated available suitable material from a nearby large infrastructural project is continuously available, the licensed 1m topographic land raise would be completed in a shorter period of time. As the Applicant cannot guarantee the arrival of the material or the timeframe within which it might arrive, the exact timeframe to complete the licensed 1m topographic land raise is unknown, and a specific time period for deposition is not known. The life time of the site will be dependent on completion of the land raise to the licensed 1m raise in topography.

The 'Waste Types & Quantities' and the proposed recovery/reclamation plan will be discussed in more detail in Section H.1 & Attachment H.1 of this application.

See Attachment B.7 for Copy of the correspondence to EPA in discussion for current application.

B.7.3 Fees:

The class of activity for which a fee is being submitted as per Part I of the Second Schedule - 'Fees' of the Waste Management (Licensing) Regulations 2004, S.I. No. 395 of 2004 is:

<u>Waste Activity (Class):</u>	<u>Amount of Fee for an Application for Technical Review of a Waste Licence:</u>
4. The Recovery of Waste	€6,000.00

A cheque for the amount of €6,000.00 is attached to the cover letter of this application for the Technical Review.

B.7.4 Type of Landfill:

Not Applicable.

ANNEX H

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ATTACHMENT H.1

Waste Types and Quantities - Existing & Proposed (REVISION B)

- The **Principle Operation** to be carried out at the site:

Fourth Schedule - Waste Recovery Operation - R5

"Recycling/reclamation of other Inorganic Materials, which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials"

This operation relates to the acceptance of up to a maximum of 90,000 Tonnes per annum of inert soil & stone and its recovery, by spreading the material over the site area, with a consequential benefit for improving the land for agricultural use.

- The operations will also be covered under the following:

Fourth Schedule - Waste Recovery Operation – R13

"Storage of Waste pending any of the operations numbered R1 to R12 (excluding temporary storage (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced)"

This operation allows for the storage of up to a maximum of 400 Tonnes per annum of inert soil & stone before it is reclaimed by spreading the material over the site area.

- **METHOD OF MATERIAL RECOVERY:**

Drawing No. 2084-2607 Rev C (attached in 'Application Drawings') presents the *'Topographic Map of the Site'*. The existing Waste Licence at the site provides that the site is licensed for a 1m land raise in order to improve the land for agricultural purposes by spreading out the accepted materials over the surface of the 'Area of Deposition'.

This Waste Licence Review Application proposes no change to the final topographic level licensed under W0256-01. It is proposed that the same 1m land raise, as currently licensed, is maintained. This

application for Licence Review is for the acceptance of 90,000 Tonnes per annum of Soil and Stone, for deposition as described above.

Drawing No. 2084-2608 Rev D (Attached in 'Application Drawings', Tab 15), shows the '*Proposed Topographic Map of Application Site, Showing Final Ground Levels*', with 1m Land Raise shown.

Cross Section Locations A-A, B-B, C-C, D-D & E-E are shown on Drawing 2084-2607 Rev C & Drawing No. 2084-2608 Rev D (attached in 'Application Drawings'), with the Cross Sections presented on Drawing No. 2084-2609 Rev D, Drawing No. 2084-2610 Rev D & Drawing No. 2084-2611 Rev D (attached in 'Application Drawings'). The Cross Sections show the land raise by 1m, with a slope of 3:1 down to all existing perimeter surface water drains, which will remain untouched. The existing open surface water drains that cut through the Area of Waste Deposition, will also be raised by 1m, as shown on the Cross Section Drawings.

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