

ATTACHMENT A.1

Non-Technical Summary

A Non-Technical Summary of the Waste Licence 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 Technical 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 Technical 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 Application for a Technical Review should be directed towards TOBIN.

This 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 the Application for a Technical 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 the Application for a Technical Review of Waste Licence W0256-01 are for the acceptance of a maximum of 90,000 Tonnes per annum of non-hazardous/inert material 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 is the material (EWC Waste Category) proposed to be accepted at the site, and 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 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 class/classes of activity (in accordance with the Third Schedule or Fourth Schedule to the Waste Management Acts 1996 to 2011), to which this Application for a Technical Review

The **Principle Activity** to be carried out at the site, and currently licensed:
Fourth Schedule, Class R4 "**Recycling or Reclamation of other Inorganic Materials**"

This activity relates to the acceptance of inert Soil and Stone and its recovery, by spreading the material over the site area, with a consequential benefit for improving the land for agricultural use (And is currently licensed).

The operations will also be covered under the following class of activity:
Fourth Schedule, Class R13 "**Storage of Waste intended for Submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced**"

This activity allows for the storage of inert Soil & Stone before it is reclaimed by spreading the material over the site area (as currently licensed).

Drawing No. 2084-2607 Rev C (Attached in 'Application Drawings') presents the '*Topographic Map of the Site*' The site is licensed, under the current 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 by spreading out the accepted materials over the surface of the 'Area of Deposition' and this Application for a Technical Review proposes no change to the final topographic level licensed under W0256-01; the same final topographic level of the site is maintained.

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. This Application for a Technical Review 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.

There is no proposed change to the operational lifetime of the site. This Application for a Technical Review 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 Application for a Technical Review 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 Waste 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 Waste 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 as part of the 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'). As undertaken under the existing waste licence, 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.

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

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.

The Deputy Facility Manager/Machine Operative on the Waste Licensed 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). The refuelling will be carried out on the proposed concrete hardstand. As stated above, all runoff from the hardstand area will be directed through a petrol interceptor, prior to discharge into the surface water drainage system.

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 undertaken. Monitoring of 'Settlement Dust' at 3 no. locations around the site boundary, on a biannual basis is undertaken. Monitoring of 'Noise' at 3 no. locations around the site boundary, and at 2 no. noise sensitive locations (i.e. the two closest houses), is undertaken on an annual basis. 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 is expected to revegetate naturally and abatement measures to ensure surface water leaving the site has a chance to settle (i.e. deposit suspended solids), in

the form of 5 no. Settlement Ponds will be left in place following closure of the facility.

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'

'Lennon Quarries Ltd' is currently licensed, per Waste Licence W 0256-01, for the operation of the Tallagh site. In compliance with conditions for the waste licence, Tobin Consulting Engineers, on behalf of Lennon Quarries Ltd, has provided confirmation to the EPA, including verbal and written correspondence (Tobin letter to EPA dated 29th March 2012), of compliance with this requirement and the requirement of their waste licence.

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.

ATTACHMENT B.1

Applicants Details

- Lennon Quarries Ltd. - Company Registration No. - 263357.
- Lennon Quarries Ltd. - Company Directors - Mr. Thomas J. Lennon & Ms. Irene Lennon.
- Copy of 'Certificate of Incorporation', issued by the Companies Registration Office, attached overleaf.
- Drawing No. 2084-2602 Rev C - Site Ownership Map (Attached in 'Application Drawings')

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Consent of copyright owner required for any other use.*

NUMBER

263357

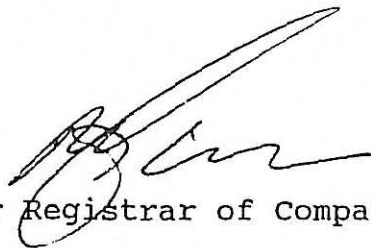
Certificate of Incorporation

I hereby certify that

LENNON QUARRIES LIMITED

is this day incorporated under
the Companies Acts 1963 to 1990
and that the company is limited.

Given under my hand at Dublin, this
Wednesday, the 19th day of March, 1997



For Registrar of Companies

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ATTACHMENT B.2

Location of Activity

- Drawing No. 2084-2600 Rev B - Site Location Map 1
(Attached in 'Application Drawings')
- Drawing No. 2084-2601 Rev B - Site Location Map 2
(Attached in 'Application Drawings')
- Drawing No. 2084-2603 Rev C - Site Layout Plan
(Attached in 'Application Drawings')
- Drawing No. 2084-2604 Rev B - Services Plan
(Attached in 'Application Drawings')

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ATTACHMENT B.3

Planning Authority

- **Planning Permission:**

The activities carried out under the existing Waste Licence are exempt from Planning Permission, per the 2009 application.

We understand, per the letter of 8th May 2012 received from Mayo County Council, that the proposed alterations to the scheduling of the materials recovery at the site does not affect the planning status of the works as exempted development.

See Attachment B3 for a copy of the letter received from Mayo County Council and the correspondence Tobin has sent to Mayo in April 2012.

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Comhairle Contae Mhaigh Eo

Áras an Chontae, Caisleán an Bharraigh, Contae Mhaigh Eo.

Teileafón: (094) 9024444 Facs: (094) 9023937

Do Thag. / Your Ref.

Ár dTag. / Our Ref.

Mr. Sean Finlay, Director,
Tobin Consulting Engineers,
Market Square,
Castlebar,
Co. Mayo.

TOBIN CONSULTING ENGINEERS		
PRJ NO:		
FILE NO:		
Date Received	13 MAY 2012	
REP'S		DATE

8th May 2012

**Re: Alteration of Scheduling by Lennon Quarries Ltd.
Material Recovering Facility at Tallagh, Belmullet, Co. Mayo.**

Dear Mr. Finlay,

I wish to acknowledge receipt of your correspondence received at this office on 19th April 2012, in relation to the above.

I wish to inform you that the proposed alterations to the scheduling of the materials recovery at the site does not affect the planning status of the works as exempted development.

Yours sincerely,


**Mary Killoran Coyne, A.O.,
Planning & Development.**



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

Fairgreen House,
Fairgreen Road,
Galway, Ireland.
Tel: +353 (0)91 565211
Fax: +353 (0)91 565390

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

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

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Market Square, Dundalk,
Co. Louth, Ireland.
Tel: +353 (0)42 9335107
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ul. Cystersów 9,
31-553 Kraków,
Poland.
Tel: +48 12 353 8646
Fax: +48 12 353 7329

Riley Court, Millburn Hill Road,
University of Warwick Science Park,
Coventry CV4 7HP,
United Kingdom.
Tel: +44 2476 323144

Mr. Ian Douglas
Senior Planner
Planning Department
Mayo County Council
Arás an Chontae
The Mall
Castlebar
Co. Mayo

TOBIN CONSULTING ENGINEERS
CASTLEBAR

PROJECT NO.	
DATE	
ISSUED	19 APR 2012
NO.	
ACTION BY	
DATE	

April 17th 2012

RE: Alteration of scheduling by Lennon Quarries Ltd. - Material Recovery Facility, Tallagh, Belmullet, County Mayo

Dear Mr. Douglas,

I am writing on behalf of our client *Lennon Quarries Ltd., Glencastle, Bunnahowen, Ballina, Co. Mayo* ("The Applicant") which holds a current Waste Licence Reference W0256-01 for recovery of natural soil and stones at an existing Inert Material Recovery Facility, at Tallagh, Belmullet, County Mayo.

As per your letter of 18/11/09 the activities as outlined at the Material Recovery Facility are Exempt from Planning, and as such do not require an accompanying Environmental Impact Statement.

Our client proposes to alter the scheduling of the materials recovery at the site and wished to complete the above licensed recovery of soil and stones over a period of 2.5 years at this location.

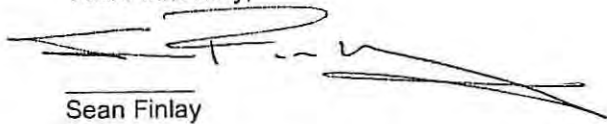
Directors: L.E. Waldron (Chairman) R.F. Tobin (Managing Director) B.J. Downes M.F. Garrick J.P. Kelly
S. Finlay P. J. Fogarty D. Grehan E. Connaughton (Company Secretary)
M. McDonnell C. McGovern B. Mulligan C.O'Keeffe D.A. Downes (Consultant)

Associates: T. Cannon P. Cloonan D. Conneran B. Gallagher B. Heaney
M. Hogan B. Hutchinson D. Kennedy E. McPartlin S. Tinnelly

There is no proposed change to the content, nature, composition or volume of materials intended for recovery by deposition at the site. Our client wishes simply, to complete the licensed recovery works over a shorter time period.

I would ask you to confirm that this will not affect the status of the site, whereby, the recovery of natural soil and stones at the site remains exempt from planning permission and as such, does not require an Environmental Impact Assessment.

Yours Sincerely,



Sean Finlay
Director
Tobin Consulting Engineers

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ATTACHMENT B.4

Sanitary Authority

There is presently no discharge to sewer from the site, nor is there any proposal to discharge to sewer, under the application for a Technical Review. There is no 'Effluent Discharge Licence' for the facility.

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ATTACHMENT B.6

Notices and Advertisements

- Copy of the text of the 'Site Notice' is attached overleaf.
- Drawing No. 2084-2605 Rev B - Location of Site Notice (Attached in 'Application Drawings')
- Newspaper Notice, attached overleaf.
(Whole newspaper containing the notice - Original Application)
(Whole page of the newspaper containing the notice - Copies of Application)
- See Attachment B.6 for Copy of the correspondence notifying the Planning Authority of this Application being made.

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SITE NOTICE

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

NOTICE IS HEREBY GIVEN 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, Co. Mayo are applying to the Environmental Protection Agency (EPA) for a Technical Review of its Waste Licence W0256-01, for its site at Tallagh, Belmullet, Co. Mayo, located at National Grid Reference E470187 N835292, which is licensed for the recovery of soil and stone.

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

The relevant Waste Recovery Activities, 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) to which this application relates are:

Fourth Schedule - Waste Recovery Activities:

The Principle Activity to be carried out at the site:

Fourth Schedule, Class R4 "Recycling or Reclamation of other Inorganic Materials"

The operations will also be covered under the following class of activity:

Fourth Schedule, Class R15 "Storage of Waste intended for Submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced"

A copy of this application for the Technical Review of the 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: Orla Mc Alister

Agent: Orla McAlister (Tobin Consulting Engineers, Block 10-4, Blanchardstown Corporate Park, Dublin 15.)

Date of erection of Site Notice: 22nd August 2012

Classifieds/Public Notices

TO LET

Ashbourne Grove, Killala Rd, three bed furnished, good location. Tel: (086) 856 8313

Ballina, town house, one bedroom, all mod cons. Tel: 087-246-9356

ENNISCRONE, Ballina Road, two and three bedroom apartments to let from 70 euro per week Tel: 096-36271

TUITION

GUITAR AND KEYBOARD/PIANO (RIAM) LESSONS
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Tony (087) 7625254

Knitting and crochet classes, beginning September 2012 in Swinford, Co. Mayo
6 weeks of 2 hour interactive classes, for beginners and improvers. Also toy knitting classes, patterns and handouts provided. For more information contact Eileen on 087-133-7105

Knitting and craft classes or kids. Starting this September in Swinford. Saturday classes. All materials provided. Please contact Eileen for more information on 087-1337105

SINGING lessons commencing in September in Ballina, all levels, groups or individuals. Please contact Sharon on 086-803-6568 for further details.

Maths/Biology grinds
Junior/Senior Cycle,
Ballina
Tel: Darren
086-061-3195

USEFUL SERVICES

CHIMNEY PROBLEMS

USEFUL SERVICES

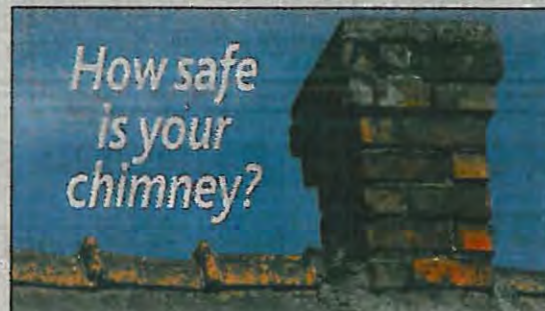
ARDNAREE TOOL & PLANT HIRE

Abbey Street, Ballina, Co. Mayo.
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How safe is your chimney?

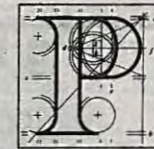
THERMAL IMAGING	DRAUGHT TESTING	CCTV CHIMNEY INSPECTIONS	SMOKE TESTING
TWIN WALL FLUE SPECIALISTS	PROBLEM SOLVING	RE-BUILDING STOVE INSTALLATION	INSURANCE QUOTES AVAILABLE

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ONSHORE UPSTREAM GAS PIPELINE FACILITY RELATING TO THE CORRIB GAS FIELD PROJECT

An Bord Pleanála



COUNTY MAYO

In accordance with Section 146B of the Planning and Development Act, 2000, as amended, An Bord Pleanála has received a request for an alteration to the proposed development relating to the onshore upstream gas pipeline facility relating to the Corrib Gas Field Project.

The request, submitted by Shell E and P Ireland Limited, relates to a proposed alteration to the terms of the Board's decision to approve an application for the construction of the Corrib Onshore Pipeline, comprising strategic upstream gas pipeline infrastructure, County Mayo (Board reference number 16.GA0004 refers). The case reference number for the alteration request is 16.GM0002.

The proposed alteration is described as the addition of concrete slabs above sections of the buried services on land in order to provide enhanced protection from damage. Concrete slabs are not required upstream of the landfill valve installation.

Under section 146B(2)(b) of the Act, the Board hereby invites submissions or observations to be made to it in relation to whether the proposed alteration constitutes a material alteration or not of the terms of the approved development. The Board shall have regard to any submissions made to it on foot of this invitation.

The information relating to this alteration request (including the details of the request) may be inspected free of charge at the offices of Mayo County Council and at the offices of An Bord Pleanála, 64 Marlborough Street, Dublin 1 during public opening hours for a period of five weeks commencing on the 22nd August, 2012.

Any submissions or observations in relation to whether the proposed alteration constitutes a material alteration or not should be made to An Bord Pleanála ('the Board') 64 Marlborough Street, Dublin 1 relating to -

Any submission/observation must be accompanied by a fee of €50 (except for certain prescribed bodies). There is no fee required to make a submission in relation to those parties/individuals who have already made a valid written submission to the Board in relation to the original application (under reference number 16.GA0004).

Submissions or observations must be received by the Board not later than **5.30 pm on the 26th September, 2012**. Such submissions/observations must also include the following information:

- (i) the name of the person making the submission or observation, the name of the person acting on his or her behalf, if any, and the address to which any correspondence relating to the submission or observation should be sent, and
- (ii) the reasons, considerations and arguments on which the submission or observation is based in full.

Any submissions or observations which do not comply with the above requirements cannot be considered by the Board.

Any enquiries relating to the further information should be directed to Kieran Somers of the Strategic Infrastructure Division of An Bord Pleanála (Tel. 01-8588100).

Mayo County Council
Comhairle Contae Mhaigh Eo
Public Notice
Community Benefit Contributions for certain major developments

CONSULTATION PERIOD EXTENDED

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

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The relevant Waste Recovery Activities, 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) to which this application relates are:

Fourth Schedule - Waste Recovery Activities:

The Principle Activity to be carried out at the site:
Fourth Schedule, Class R4 "Recycling or Reclamation of other Inorganic Materials"

The operations will also be covered under the following class of activity:

Fourth Schedule, Class R13 "Storage of Waste intended for Submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced"

A copy of this application for the Technical Review of the 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.

AN CHUIRT DUICHE
(The District Court)
District Court Area of Ballina

District No.3
IN THE MATTER OF THE INTOXICATING LIQUOR ACT 1833 TO 1895
THE INTOXICATING LIQUOR ACT 1988
AND TO THE DISTRICT

THE DISTRICT COURT
DISTRICT COURT AREA
Of Ballina
DISTRICT No. 3

IN THE MATTER OF THE INTOXICATING LIQUOR ACTS, 1833
As amended by THE INTOXICATING LIQUOR ACTS 1927-2008
and The District Court Rules 1948
(AS AMENDED)
NOTICE OF APPLICATION FOR CERTIFICATE OF

THE DISTRICT COURT
(An Chuir Duiche)
District Court Area of Ballina
District No.3
IN THE MATTER OF THE INTOXICATING LIQUOR ACTS 1833 TO 1895
AND IN THE MATTER OF THE INTOXICATING LIQUOR ACT 1927 SECTION 12
AND IN THE MATTER OF THE DISTRICT COURT RULES 1948
AS AMENDED
PUBLIC DANCE HALLS ACT 1935, SECTION 6
NOTICE OF APPLICATION FOR A PUBLIC DANCING LICENCE

Keith Brennan: Applicant
TAKE NOTICE that it is the intention of Keith Brennan of No.7 Libadore, Bohernasup, Ballina, Co. Mayo to apply to Ballina Annual Licensing District Court sitting at the Courthouse, Ballina, Co. Mayo on the 25th day of September 2012 at 10.30 a.m. for a Dance Licence under the above Act to use the premises known as "Brennans Lane" situate at Garden Street, Ballina, Co. Mayo in the said District Court area for public dancing.
Dated this the 16th day of August 2012

Signed: Michael G. Bohan & Co., Solicitors for the Applicant, Ballina, Co. Mayo

TO: The District Court Clerk, The Courthouse, Ballina, Co. Mayo;
The Superintendent, The Garda Station, Ballina, Co. Mayo;
The Health Officer, c/o County Council, Western Health Board Offices, Castlebar, Co. Mayo;
The Chief Fire Officer, Fire Brigade Headquarters, Castlebar, Co. Mayo; and
TO WHOM IT MAY CONCERN

AN CHUIRT DUICHE
(The District Court)
District Court Area of Tubbercurry
District Number 2
NOTICE OF APPLICATION FOR RENEWAL OF A PUBLIC DANCING LICENCE UNDER THE PUBLIC DANCE ACT 1935

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

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

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

ul. Cystersów 9,
31-553 Kraków,
Poland.
Tel: +48 12 353 8646
Fax: +48 12 353 7329

CAB International,
Nosworthy Way, Wallingford,
Oxfordshire, OX10 8DE, United Kingdom.
Tel: +44 1491 829327
Fax: +44 1491 833508

Planning Department
Mayo County Council
Arás an Chontae
The Mall
Castlebar
Co. Mayo

22 August 2012

**RE: Application to the Environmental Protection Agency for a Technical review of Waste Licence W 0256-01
Lennon Quarries Ltd., Tallagh Soil & stone Recovery Site, Belmullet**

Dear Sir/Madam,

NOTICE IS HEREBY GIVEN 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, Co. Mayo are applying to the Environmental Protection Agency (EPA) for a Technical Review of it's Waste Licence W0256-01, for it's site at Tallagh, Belmullet, Co. Mayo, located at National Grid Reference E470187 N835292, which is licensed for the recovery of soil and stone.

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

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

Associates: T. Cannon P. Cloonan D. Conneran B. Gallagher B. Heaney
M. Hogan B. Hutchinson D. Kennedy E. McPartlin S. Tinnelly

Co. Reg. No. 42654 - Registered Office: Fairgreen House, Fairgreen Road, Galway, Ireland.



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The relevant Waste Recovery Activities, 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) to which this application relates are:

Fourth Schedule - Waste Recovery Activities:

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

Fourth Schedule, Class R4 "Recycling or Reclamation of other Inorganic Materials"

The operations will also be covered under the following class of activity:

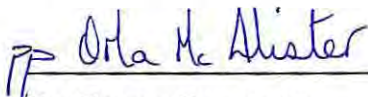
Fourth Schedule, Class R13 "**Storage of Waste intended for Submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced**"

A copy of this application for the Technical Review of the 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

Community Consultation

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3 July 2012

Mr. T.J. Lennon
Lennon Quarries Ltd.,
Glencastle
Bunnahowen
Ballina
Co. Mayo

RE: Amendment request for Lennon Quarries Ltd. Soil/Stones Recovery Facility Waste Licence W0256-01 at Tallagh, Belmullet, Co. Mayo

Dear Mr. Lennon,

On the 28th June 2012 the above site was inspected by IFI staff and a meeting was held with you at your offices to discuss a proposed amendment to the above licence. It is proposed to increase the annual quantity of deposited material from 24,900tonne to 90,000tonne. IFI have no objections to the amendment provided there are no negative impacts on water quality in the Clooneen River or Moyrahan Bay and the following conditions are retained.

- The five on site settlement ponds must be monitored and maintained as per the waste licence.
- The Clooneen River buffer zone must be retained and each cell must be capped and seeded as it is filled.

Yours sincerely



John Conneely
Director

tjlennon-0612



22/06/2012

C.L.G. Béal an Mhuirthead

Tallagh, Béal an Mhuirthead,
Co Mhaigh Eo.

secretary.bealanmhuirthead.mayo@gaa.ie
www.clgbealanmhuirthead.com

Rúnaí
Róisín Nic Rudaigh
086 87522709

Cathaoirleach
Sean Ó Gallchóir
086-2801933

Cisteoir
Anne Marie Barrett
087 1516831
Josephine Walsh
086 3576944

To Whom It May Concern

Having been informed by TJ Lennon of Lennon Quarries Ltd that he intends to apply for an amendment to his EPA licence for the Tallagh site, I visited the site with my fellow club officers and discussed with Mr Lennon what his amendment proposed.

We understand that he proposes to increase his tonnage from 24,900 to 90,000 tonne per annum approximately. We as a community club have no concern to our facilities which we recently developed. Our newly developed site borders Mr Lennon's site and to date we have had no problems or concerns raised by our extensive membership which covers all ages and sections of the community.

We understand that the total quantity of soil to be used will not change but will be imported over a shorter time than is currently licensed. This will result in the site being completed and reseeded in approximately 3 years. We are supportive of this proposal.

Yours Sincerely,


John Gallagher

086 2801933

097-85800 work

097-85793 - Home.


Sean Ó Gallchóir.
Cathaoirleach.

21/06/2012

To Whom It May Concern,

I am writing this letter to acknowledge that I have been informed by TJ Lennon of Lennon Quarries Ltd that he intends to apply for an amendment to his EPA licence for his Tallagh site to increase his annual tonnage allowance from 24,900 TPA to approximately 90,000TPA.

I have had no cause for concern in the past in relation to the operation of the site, and during this year to date, the site activities have not given any cause for concern to me.

I understand that the granting of the amendment in the licence will result in the completion of the site in a shorter timeframe than would otherwise be the case, and as such I would like to state that I have no issue with the granting of such an amendment.

Best Regards,

Signature

JAMES A CAREY

James A Carey

Address

Forthwader BELMULLET.

21/06/2012

To Whom It May Concern,

I am writing this letter to acknowledge that I have been informed by TJ Lennon of Lennon Quarries Ltd that he intends to apply for an amendment to his EPA licence for his Tallagh site to increase his annual tonnage allowance from 24,900 TPA to approximately 90,000TPA.

I have had no cause for concern in the past in relation to the operation of the site, and during this year to date, the site activities have not given any cause for concern to me.

I understand that the granting of the amendment in the licence will result in the completion of the site in a shorter timeframe than would otherwise be the case, and as such I would like to state that I have no issue with the granting of such an amendment.

Best Regards,

Signature

MICHAEL CAWLEY

Michael Cawley

Address

Tallagh Road Bellmullet

21/06/2012

To Whom It May Concern,

I am writing this letter to acknowledge that I have been informed by TJ Lennon of Lennon Quarries Ltd that he intends to apply for an amendment to his EPA licence for his Tallagh site to increase his annual tonnage allowance from 24,900 TPA to approximately 90,000TPA.

I have had no cause for concern in the past in relation to the operation of the site, and during this year to date, the site activities have not given any cause for concern to me.

I understand that the granting of the amendment in the licence will result in the completion of the site in a shorter timeframe than would otherwise be the case, and as such I would like to state that I have no issue with the granting of such an amendment.

Best Regards,

Signature

JAMES DONOGHUE

James Donoghue

Address

Tallogh Road Belmullet Co Mayo

21/06/2012

To Whom It May Concern,

I am writing this letter to acknowledge that I have been informed by TJ Lennon of Lennon Quarries Ltd that he intends to apply for an amendment to his EPA licence for his Tallagh site to increase his annual tonnage allowance from 24,900 TPA to approximately 90,000TPA.

I have had no cause for concern in the past in relation to the operation of the site, and during this year to date, the site activities have not given any cause for concern to me.

I understand that the granting of the amendment in the licence will result in the completion of the site in a shorter timeframe than would otherwise be the case, and as such I would like to state that I have no issue with the granting of such an amendment.

Best Regards,

Signature

VINCENT CONNOR

Vincent Connor

Address

Tallagh R.D. Belmullet Co Mayo

ATTACHMENT B.7

Type of Waste Activity, Tonnages & Fees

B.7.1 Type of Waste Activity:

The class/classes of activity (in accordance with the Third Schedule or Fourth Schedule to the Waste Management Acts 1996 to 2011), to which this Waste Licence Application relates are presented below.

Fourth Schedule - Waste Recovery Activities:

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

Fourth Schedule, Class R4 "**Recycling or Reclamation of other Inorganic Materials**"

This application concerns the recovery/reclamation of Soil and 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 class of activity:

Fourth Schedule, Class R13 "**Storage of Waste intended for Submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced**"

This activity allows for the storage of incoming Soil & Stone before it is reclaimed by spreading the material over the site area.

B.7.2 Tonnages:

The maximum annual tonnage of waste proposed to be accepted at the site is 90,000 Tonnes per annum. Per the letter from Tobin Consulting Engineers to the EPA, (letter of 9th July 2012 from Sean Finlay, Tobin, to Brian Meaney, EPA) it was indicated that the total tonnage of Soil & Stone to be accepted at the facility was 265,000 tonnes and that there will be no proposed change in the proposed topographical levels for which the existing licence is issued. The same 1m Land Raise, as licensed in the existing 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.

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

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

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

ul. Cystersów 9,
31-553 Kraków,
Poland
Tel: +48 12 353 8646
Fax: +48 12 353 7329

CAB International,
Nosworthy Way, Wallingford,
Oxfordshire, OX10 8DE, United Kingdom
Tel: +44 1491 829327
Fax: +44 1491 833508

Frank Clinton Esq.
EPA
Johnstown Castle
Co. Wexford

17th August 2012

RE Licence WO256-01 BY email and Post

Dear Mr Clinton,

Following our pre-consultation meetings and correspondence with the EPA over recent months, I confirm that our client Lennon Quarries Ltd wishes to apply for a Technical Review of the above Licence. The relevant application form and fee will follow under separate cover. The newspaper and site notices will also issue next week.

It is our understanding that the fee level is for the category "recovery of waste", as per Section 4 of the schedule of Fees from SI 395 of 2004, Schedule 2 -notwithstanding that the imported material is inert soil and stone being reused for land reclamation. As this is a simple application, a partial refund may apply.

I also understand that the EPA will endeavour to process this application on or before 1st February 2013, given the imminent availability of additional material which will enable the reclamation of the site over a shorter time frame. Indeed a revised timescale for the import of material is the only change sought to the original Licence.

The Application Form has Appendices attached outlining the planning status of the site in the context of the revised tonnage; monitoring information indicating the adherence to EPA conditions; correspondence with the EPA outlining compliance matters and correspondence from the neighbouring community and agencies in relation to the application. While new regulations in relation to EIA are imminent, no change in the planning status of the site is anticipated.

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


Associates: T. Cannon P. Cloonan D. Conneran B. Gallagher B. Heaney
M. Hogan B. Hutchinson D. Kennedy E. McPartlin S. Tinnelly

Co. Reg. No. 42654 - Registered Office: Fairgreen House, Fairgreen Road, Galway, Ireland



60 YEARS OF
EXCELLENCE
IN ENGINEERING

Yours sincerely

A handwritten signature in black ink, appearing to read 'Sean Finlay', with a long horizontal line extending to the right.

Sean Finlay

Director

CC; T.J. Lennon: Orla McAllister(Tobin)

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ATTACHMENT B.8

Seveso II Directive

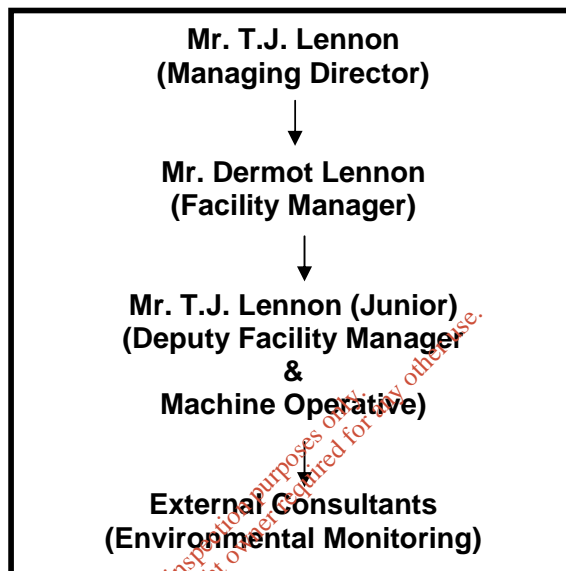
The activity proposed in this Waste Licence Application is not an establishment to which the European Communities (Control of Major Accident Hazards involving Dangerous substances) Regulations, 2000 (S.I. No. 476 of 2000), will apply.

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ATTACHMENT C.1

Technical Competence and Site Management

The proposed 'Management Structure' for the Lennon Quarries Ltd. Materials Recovery Facility, subject to this Waste Licence Application is presented below.



Lennon Quarries Ltd., is a local County Mayo owned/operated company, which provides employment to ca. 25 no. people in the Belmullet area. The company is primarily a quarry/rock aggregate provider, with a large quarry located in Glencastle, Bunnahowen, Ballina, County Mayo.

The company branched out into the Waste Management Area in 2005, when they applied for and received Waste Collection Permit CW276 from Mayo County Council.

In relation to it's site at Tallagh, Belmullet, Co. Mayo, Lennon Quarries Ltd. previously held a Waste Facility Permit from Mayo County Council for the site (Ref.: PER 144). In 2009, Lennon Quarries Ltd applied for a Waste Licence for the operation of the Tallagh site. The Waste Licence was granted in May 2011. The site is operating under the existing waste licence, W0256-01, since grant of the licence. It is this licence, W0256-01, for which Lennon Quarries Ltd are applying for a Technical Review.

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'

'Lennon Quarries Ltd' is currently licensed, per Waste Licence W 0256-01, for the operation of the Tallagh site. In compliance with conditions for the waste licence, Tobin Consulting Engineers, on behalf of Lennon Quarries Ltd, has provided confirmation to the EPA, including verbal and written correspondence (Tobin letter to EPA dated 29th March 2012), of compliance with this requirement and the requirement of their waste licence.

All personnel working at the Waste Licenced Facility are qualified on the basis of appropriate education, training and experience (as is required) and all are fully aware of the requirements of EPA Waste Licence W0256-01.

In the absence of direct Waste Management Training within Ireland at this time, and based on the Scale and Nature of this facility, alternative/equivalent training of the Waste Licence Site Management has been completed, on the requirements of Waste Licence W0256-01.

Lennon Quarries Ltd. commissioned *TOBIN Consulting Engineers* to complete a full review of their EPA Licence, including all Conditions and Schedules.

TOBIN completed the above task and produced a 'Waste Licence Review Report', which was presented to *Lennons Quarries Ltd.* management. This presentation included analysis and discussion on each WL Condition & Schedule; in particular those Conditions/Schedules requiring action (including works to be completed and timescales for work completion).

Lennon Quarries Ltd. track record in the Waste Management area indicates that they are a company determined to operate in an organised and efficient manner, in strict compliance with the relevant permits/licences, and at all times ensuring that protection of the environment is foremost in their company practices.

Mr. T.J Lennon is the owner/managing director of Lennon Quarries Ltd.

Mr. Dermot Lennon is the 'Facility Manager' of the Tallagh site. It is Mr. D. Lennon's responsibility to ensure that the facility is operated in full compliance with any conditions imposed by the EPA Licence. He is the person in ongoing contact with the EPA in relation to Licence compliance. Licence compliance may require the sub-contracting of works to contractors (eg. upkeep of fencing, gates, etc.) and/or consultants (eg. environmental monitoring, completion of AER Reports, topographic surveying, etc.). It is Mr. D. Lennon's responsibility to communicate and manage these sub-contracts.

Mr. T.J Lennon (Junior) is the 'Deputy Facility Manager' and 'Machine Operative'. It is Mr. T.J. Lennon (Junior)'s responsibility for the day-to-day operation of the facility. In compliance with the existing Waste Licence W0256-01, he will open and close the facility on a daily basis, accept waste, inspect waste, quarantine unauthorised wastes, record waste arrivals and arisings, spread the imported material over the site and control all abatement/treatment systems onsite.

External Consultants will be contracted to carry out the environmental monitoring and associated reporting conditioned under the EPA Waste Licence. The consultants will report directly to the Facility Manager.

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ATTACHMENT C.2

Environmental Management System

An Environmental Management System (EMS) has been developed for the facility and is used in the operation of the site under the existing licence W0256-01.

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ATTACHMENT C.3

Hours of Operation

- **Proposed Hours of Operation:**
8.00am to 6.00pm - Monday to Friday
8.00am to 2.00pm - Saturday
Closed - Sundays & Bank Holidays
- **Proposed Hours of Waste Acceptance/Handling:**
8.30am to 5.30pm - Monday to Friday
8.30am to 1.30pm - Saturday
Closed - Sundays & Bank Holidays

The difference between the 'Proposed Hours of Operation' and the 'Proposed Hours of Waste Acceptance/Handling' reflect the time allowed for set-up and clean-up works each day.

- **Proposed Hours of Construction and Development Works at the Facility and Timeframes:**
No Construction and/or Development Works are proposed for the facility under this Application for Technical Review. Upkeep of security arrangements (i.e. fences, gates, signs, etc.) will be carried out during the 'Proposed Hours of Operation'.
- **Any Other Relevant Hours of Operation Expected:**
There are no other relevant hours of operation known to date. Approval shall be sought from the EPA should any other hours of operation become apparent, other than those listed above.

ATTACHMENT C.4

Conditioning Plan

This application does not relate to a 'Review of a Landfill Waste Licence', and therefore, Section C.4 and Attachment C.4 are Not Applicable.

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ATTACHMENT D.1

Infrastructure

The following sections should be read in conjunction with *Drawing No. 2084-2612 Rev E – Existing and Proposed Site Infrastructure* and *Drawing No. 2084-2614 Rev D – Surface Water Drainage System, Including Treatment/Abatement System*, which are attached in 'Application Drawings'.

D.1.a Site Security Arrangements, Including Gates and Fencing:

The site boundary to which this Application for a Technical Review relates is presently enclosed by a 'Perimeter Post & Wire Fence', as shown on Drawing No. 2084-2612 Rev E (attached in 'Application Drawings').

There are presently two lockable entrance gates to the facility, one at the junction of the site access road with the main Belmullet-Ballyglass Road, and one at the top of the access road, at the opening to the 'Area of Deposition', as shown on Drawing No. 2084-2612 Rev E (attached in 'Application Drawings').

Safety Signs are installed on the Surface Water Settlement Ponds.

D.1.b Designs for Site Roads:

There is an existing hardcore access road, connecting the main Belmullet-Ballyglass Road to the site, as shown on Drawing No. 2084-2612 Rev E (attached in 'Application Drawings'). This road is the road used as the main access road to the site for haulage trucks delivering material to the site under the existing licence W0256-01 and will remain so, as currently licensed.

A hardcore area is in place (with a surface dressing of clean broken stone), 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.

D.1.c Design of Hardstanding Areas:

The facility accommodation (portocabin & portoloo) will be positioned on the hardstanding area of site access road, as shown on Drawing No. 2084-2612 Rev E (attached in 'Application Drawings', Tab 15).

D.1.d Plant:

As undertaken under the existing waste licence, a Hitachi 200 excavator is being used intermittently throughout the day/week. Once the haulage trucks deposit their material, the excavator will shift the material, from where it is deposited by the haulage trucks, and spread it over the area of the deposition site.

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

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

The Deputy Facility Manager/Machine Operative on the Waste Licenced site maintains a record of the capacity of each of the trucks, which ~~will~~ allows him to keep an accurate record of volumes/quantities of materials being accepted at the facility on a daily basis.

D.1.e Wheel-Wash:

It is not proposed to install a wheel-wash at the facility. As discussed in Sections D.1.b & D.1.d above: *"It is proposed to develop a hardcore area (with a surface dressing of clean broken stone), close to the entrance gate, as shown on Drawing No. 2084-2612 Rev E (attached in 'Application Drawings'). This will allow haulage trucks to enter the site, turn, and deposit their material, along the perimeter of the hardcore area"*.

Based on the above, it is not proposed to allow haulage trucks beyond the hardcore area at the entrance to the deposition site. It is therefore not expected that the wheels of the truck will come in contact with soils, etc. Any debris that may be attached to the haulage trucks is expected to fall off during the trucks movement over the hardcore material on the access roadway, i.e. before the trucks move offsite onto the Belmullet-Ballyglass main road.

D.1.f Laboratory Facilities:

It is not proposed to install any laboratory facilities at the Material Recovery Facility. Proposed monitoring of surface water and dust (as will be discussed in

Section F of this Waste Licence Application) will produce samples that will be sent to an independent external laboratory for analysis.

D.1.g Design and Location of Fuel Storage Areas:

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). Fueling takes place on the hardstanding area of the site access road, adjacent to the site office. Booms and spill kits are kept adjacent to this.

D.1.h Waste Quarantine Areas:

As undertaken under the existing waste licence, Waste Quarantine skips are located adjacent to the site office. The Waste Inspection procedure is described in D.1.i.

D.1.i Waste Inspection Areas:

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.

Once the haulage trucks deposit their material, along the perimeter of the hardcore area, the excavator shifts the inert material, from where it is deposited by the haulage trucks and spreads 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 (eg. pieces of wood, plastic, metal), they are removed and transported to the Waste Quarantine skips, located adjacent to the site office.

D.1.j Traffic Control:

As discussed in Section D.1.d above: - *"Based on the proposed annual intake of a maximum of 90,000 Tonnes maximum, it is expected that there will be a maximum of approximately 4,500 truckloads of material delivered to the site on an annual basis (i.e. a maximum of 90 loads per week)".* This equates to a

maximum of 18 no. truck loads per day. Such a small number of truck movements is not expected to have any effect on traffic in the area of the site.

D.1.k Sewerage and Surface Water Drainage Infrastructure:

There is no sewerage system (existing or proposed) associated with the site. As undertaken under the existing waste licence a portoloo is installed and managed on the site, as discussed in Section D.1.n below.

The site is presently drained by a number of open surface water drains, as can be seen on Drawing No. 2084-2601 Rev B (attached in 'Application Drawings', Tab 15). An open drain surrounds the perimeter of the entire deposition site (with the exception of the northwest corner of the site), and a no. of open drains are cut into the site in a south-north direction. The open drains, drain into the Clooneen River, which runs along the northern site application boundary, in an easterly direction, at five locations.

5 no. Settlement Ponds have been put in place, as shown on Drawing No. 2084-2614 Rev D (attached in 'Application Drawings'), to allow suspended solids drop out of solution, prior to the surface water discharging from the site.

D.1.l All Other Services:

There are presently no services on the site (i.e. water, eircom, electricity & sewer). Drawing No. 2084-2604 Rev B (attached in 'Application Drawings', 45) shows the services within 500m of the site. It is not proposed to bring services on to the site at this time. As will be discussed in Section D.1.n below, the site accommodation (Portocabin) is provided with electricity, using a generator, and with water using a holding tank. A Portoloo is provided and managed at the facility. This situation is deemed acceptable, as there will only be one Deputy Facility Manager/Machine Operative on the site during operating hours. The Deputy Facility Manager/Machine Operative has a company mobile phone, operational at all times.

D.1.m Plant Sheds, Garages and Equipment Compound:

There are no installed Plant Sheds, Garages or Equipment Compounds or proposals for these installations at the site and there will be no change to the above in relation to the application for a Technical Review of the Licence.

D.1.n Site Accommodation:

The site accommodation Portocabin is located on the site access road adjacent to the inner security gate, as shown on Drawing No. 2084-2612 Rev E (attached in 'Application Drawings') and will cater as a site office, canteen and store for any small equipment, associated with the facility. Electricity is provided to the portacabin via a generator and has a built-in water tank.

Toilet facilities are provided through a portoloo, which is strictly managed.

D.1.o A Fire Control System, Including Water Supply:

All materials accepted at the facility are non-flammable. A fire extinguisher is stored in the cabin of the site plant (Hitachi 200 excavator) and within the site portacabin.

D.1.p Civic Amenity Facilities:

No Civic Amenity Facilities are proposed for the facility.

D.1.q Any Other Waste Recovery Infrastructure:

As undertaken under the existing waste licence, the acceptance of Soil & Stone for recovery/reclamation, by spreading the material over the site deposition area, is the only material accepted at the site and as a result no additional infrastructure is required or proposed for the operation of the site.

D.1.r Composting Infrastructure:

As under the existing waste licence, no composting infrastructure is required for the facility and none is proposed.

D.1.s Construction and Demolition Waste Infrastructure:

As undertaken under the existing waste licence, the acceptance of Soil & Stone for recovery/reclamation, by spreading the material over the site deposition area, is the only material accepted at the site and as a result, no other additional Construction and Demolition Waste Infrastructure is required for the facility and none is proposed.

D.1.t Incineration Infrastructure:

No Incineration infrastructure is proposed for the facility.

D.1.u Any Other Infrastructure:

No Other Infrastructure (besides that discussed in Sections D.1.a - D.1.t above) is proposed for the facility.

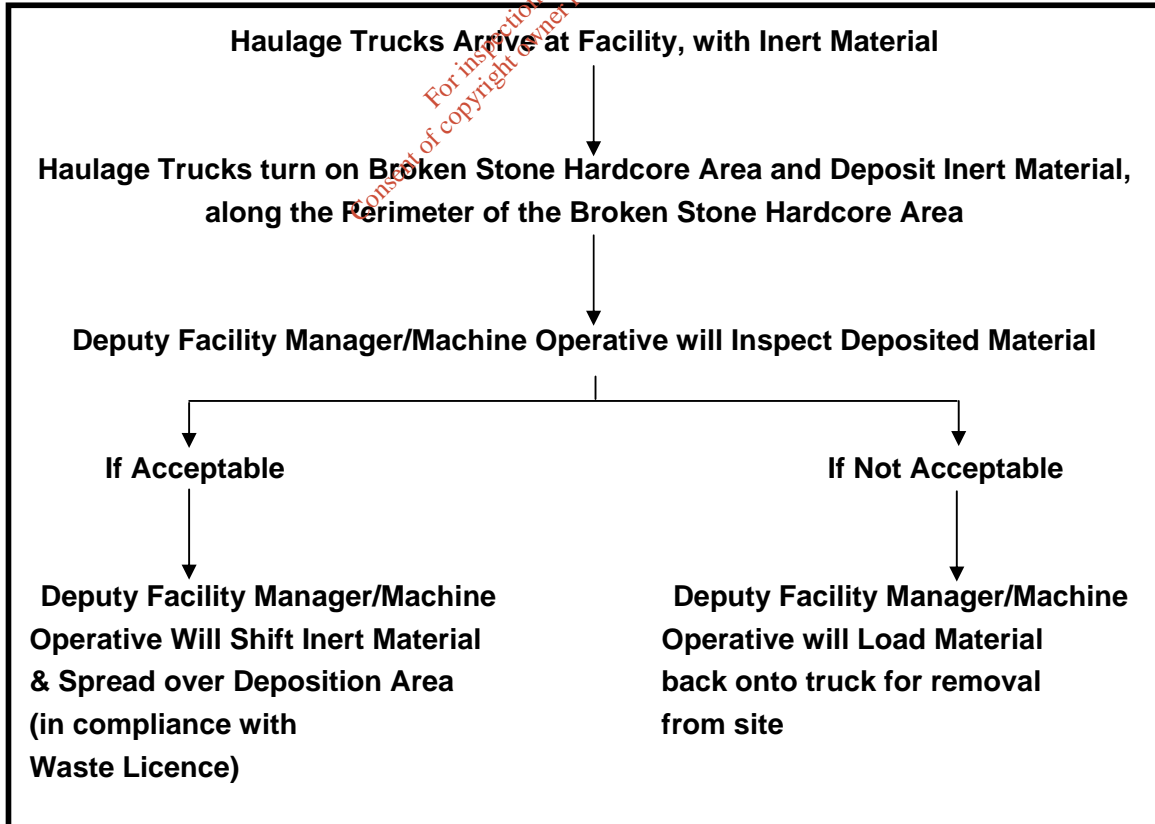
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ATTACHMENT D.2

Facility Operation

The existing licensed facility, per licence W0256-01, is a soil recovery facility, which is licensed for a final topographic level of a 1m Land Raise and with the acceptance of 24,900 tonnes per annum of soil and stone and its recovery, by spreading material over the deposition site area, with a consequential benefit for improving the land for agricultural use. The application for the Technical Review is for the continued operation per the existing waste licence, with no change to the licensed final topographic level of a 1m Land Raise and with the acceptance of up to a maximum of 90,000 tonnes per annum of soil and stone for recovery as described above – this is to allow for the acceptance of the currently available suitable material from a nearby large infrastructural project, which is to provide for material from a well monitored source of incoming soil and stone.

As under the existing waste licence, the facility operates following a very simple process, as shown on the 'Flow Diagram' below:



ATTACHMENT D.3

Liner System

Section D.3 and Attachment D.3 are Not Applicable.

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ATTACHMENT D.4

Leachate Management

Section D.4 and Attachment D.4 are Not Applicable.

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ATTACHMENT D.5

Landfill Gas Management

Section D.5 and Attachment D.5 are Not Applicable.

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ATTACHMENT D.6

Capping System

Section D.6 and Attachment D.6 are Not Applicable.

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ATTACHMENT E.1

Emissions to Atmosphere

Drawing No. 2084-2613 Rev C - *Emission Points* (Attached in 'Application Drawings'), shows emission points associated with Waste Licence W0256-01 and no additional emission points are proposed in the application for a Technical Review.

- The soil recovery facility, licensed per licence W 0256-01, does not have (and does not propose to have, through the application for a Technical Review) any point (or stack) emissions to atmosphere. Due to the nature of the soil recovery facility, it will not have: landfill gas emissions, landfill leachate emissions, composting emissions (including odour and bioaerosols), infectious organisms/pathogen emissions, thermal oxidiser emissions, emissions from wastewater/leachate treatment, emissions from any pressure release valves on waste liquid tanks, or cleaning operation emissions.

The only emissions to atmosphere are typical exhaust emissions from the one piece of plant onsite (Hitachi 200 excavator) and from the haulage trucks delivering material to the site for recovery/reclamation. As stated in Section D.1.d above, it is estimated that a maximum of approximately 90 truckloads of soil & stone will be accepted at the facility per week.

This low level of traffic movement's to/from the site mean low emissions from haulage trucks to the atmosphere. The plant on site (Hitachi 200 excavator) is used intermittently on daily/weekly basis and is does not produce high levels of emissions to the atmosphere. This machine is serviced regularly, to ensure exhaust emissions are kept to a minimum.

The unloading of material from the haulage trucks, and the subsequent movement /spreading of the soil and stone over the area of the deposition site may produce dust, is addressed under Section E.6 of this application.

- *Table E.1(i) - Landfill Gas Flare Emissions to Atmosphere*

Not Applicable

- *Table E.1(ii) - Main Emissions to Atmosphere*

Not Applicable

- *Table E.1(iii) - Main Emissions to Atmosphere - Chemical Characteristics of the Emission*

Not Applicable

- *Table E.1(iv) - Emissions to Atmosphere - Minor/Fugitive*

There is one item of on-site mobile plant with exhaust emissions, the Hitachi 200 excavator (no Grid Reference location, as this machine is mobile). The quantity of exhaust emissions has not been calculated, as the plant is used intermittently on-site.

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ATTACHMENT E.2

Emissions to Surface Waters

Drawing No. 2084-2613 Rev C - *Emission Points* (Attached in 'Application Drawings'), shows emission points associated with Waste Licence W0256-01 and no additional emission points are proposed in the application for a Technical Review.

- The site is drained by a number of open surface water drains, as shown on Drawing No. 2084-2601 Rev B & Drawing No. 2084-2613 Rev C (attached in 'Application Drawings'). An open drain surrounds the perimeter of the entire deposition site (with the exception of the northwest corner of the site), and a no. of open drains are cut into the site in a north-south direction. The open drains, drain into the local Clooneen River (which runs along the northern site application boundary in an easterly direction), at five locations.

These five locations (as shown on Drawing No 2084-2613 Rev C, attached in 'Application Drawings') represent five no. emission points to surface water (Clooneen River) from the site (EMSW-1, EMSW-2, EMSW-3, EMSW-4 & EMSW-5).

Per requirements of Licence W0256-01, 5 no. 'Settlement Ponds' have been put in place on the drainage channels, prior to their emission to the main surface water body (Clooneen River), as shown on Drawing No. 2084-2614 Rev D (attached in 'Application Drawings'). The purpose of these Settlement Ponds is to allow suspended solids drop out of solution, prior to the surface water discharging from the site, into the Clooneen River.

- Information on the 'Flow Rate' in the receiving water (Clooneen River) is not provided, as there is no flow data available from the OPW or the EPA Hydrometric Section. 'Assimilative Capacities' cannot be calculated, due to the lack of flow data available for the Clooneen River, and due to the fact that the discharge from the site is not continuous or consistent at any of the emission points. The 'Volumes to be Emitted' and the 'Periods of Emission' cannot be stated, as they are dependant on rainfall amount and the site drainage.

ATTACHMENT E.3

Emissions to Sewer

Drawing No. 2084-2613 Rev C - *Emission Points* (Attached in 'Application Drawings'), shows emission points associated with Waste Licence W0256-01 and no additional emission points are proposed in the application for a Technical Review.

The soil recovery facility, licensed per licence W 0256-01, does not have existing or proposed Emissions to Sewer any and does not propose to have Emissions to Sewer through the application for a Technical Review.

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ATTACHMENT E.4

Emissions to Groundwater

Drawing No. 2084-2613 Rev C - *Emission Points* (Attached in 'Application Drawings'), shows emission points associated with Waste Licence W0256-01 and no additional emission points are proposed in the application for a Technical Review.

The soil recovery facility, licensed per licence W 0256-01, does not have existing or proposed Emissions to Groundwater any and does not propose to have Emissions to Groundwater through the application for a Technical Review.

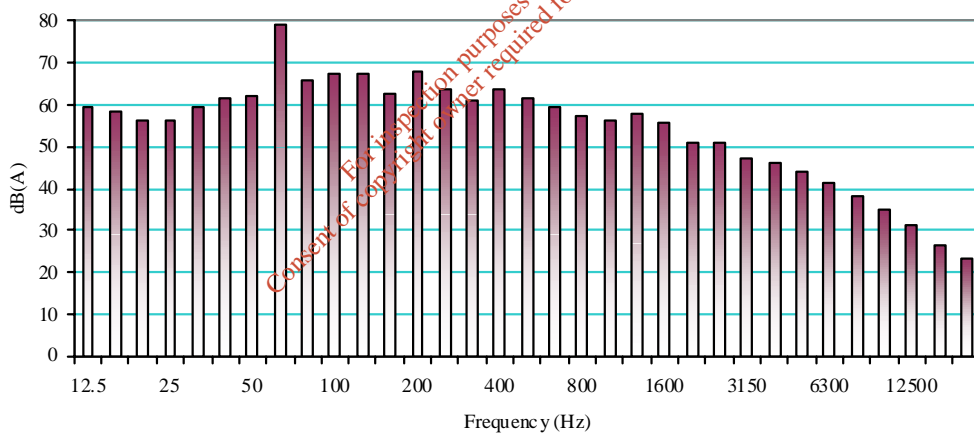
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ATTACHMENT E.5

Noise Emissions

Drawing No. 2084-2613 Rev C - *Emission Points* (Attached in 'Application Drawings'), shows emission points associated with Waste Licence W0256-01 and no additional emission points are proposed in the application for a Technical Review.

- The only Noise Emission from the facility will be mobile plant (Hitachi 200 excavator).
- The figure below illustrates the Frequency Analysis for the noise source (Hitachi 200 excavator) on site measured at a distance of 5m. A pure tone was recorded at 63Hz although this was due to an external source as it was previously recorded at monitoring location N4 while the site was non-operational (Refer to noise monitoring report in Appendix I.6). This pure tone was not audible during monitoring and was noted once noise results had been downloaded.



Frequency Analysis at Hitachi 200 - distance of 5m

ATTACHMENT E.6

Environmental Nuisances

E.6.a Bird Control:

Due to the inert nature of the soil and stone recovered & reclaimed at the licensed facility, bird activity does not present an environmental nuisance and there will be no change in this regard in the application for a Technical Review.

E.6.b Dust Control:

The unloading of material from the haulage trucks, and the subsequent movement/spreading of the inert material over the area of the deposition site, may produce dust on the site, during periods of dry weather.

It is proposed that during extended periods of dry weather, a tractor with water bowser would be brought onto the site to sprinkle water over hardcore areas and the access road, to dampen down any dust. As the deposition site is located at a distance from the main Belmullet-Ballyglass Road, it is not expected (even during periods of extended dry weather) that any dust emanating from the site would reach the main road.

E.6.c Fire Control:

Due to the inert nature of the soil and stone recovered & reclaimed at the site, there is very little risk of fire breaking out on the site. However, a fire extinguisher will be stored in the cabin of the site plant (Hitachi 200 excavator) and within the site Portocabin.

E.6.d Litter Control:

Due to the inert nature of the soil and stone recovered at the site, litter does not present an environmental nuisance and there will be no change in this regard in the application for a Technical Review.

The Deputy Facility Manager/Machine Operative 'walk the site' once a week and recover any litter identified, for authorised disposal offsite.

E.6.e Traffic Control:

As discussed in Section D.1.d above: - *"Based on the proposed annual intake of a maximum of 90,000 Tonnes, it is expected that there will be approximately 4,500 truckloads of soil and stone delivered to the site on an annual basis (i.e. a maximum of 90 truckloads per week)".* Such a small number of truck movements is not expected to have any effect on traffic in the area of the site.

E.6.f Vermin Control:

Due to the inert nature of the soil and stone recovered & reclaimed at the site, vermin do not present an environmental nuisance and there will be no change in this regard in the application for a Technical Review.

E.6.g Road Cleansing:

A hardcore area (with a surface dressing of clean broken stone) has been developed close to the entrance gate of the deposition site, 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. Haulage trucks do not proceed beyond the hardcore area at the entrance to the deposition site. This avoids the situation of the wheels of the trucks coming in contact with soil deposition area. Minor debris that may be attached to the haulage trucks is expected to fall off during the trucks movement over the hardcore material on the access roadway, before the trucks move offsite onto the Belmullet-Ballyglass main road.

Based on the above, 'Road Cleansing' is not required on the site, or on the surrounding roads and there will be no change in this regard in the application for a Technical Review.

ATTACHMENT F.1

Treatment, Abatement and Control Systems

- Sections E.1 - E.6 of the application for the Technical Review, discuss the potential Emissions associated with the facility. The Sections conclude that, as currently licensed, the main emissions from the facility are to Surface Water at 5 no. locations (surface water drains - EMSW-1, EMSW-2, EMSW-3, EMSW-4 & EMSW-5) and there will be no change in this regard in the application for a Technical Review. There are Noise Emissions from one item of plant onsite, (Hitachi 200 excavator) and a fugitive/minor emission to the atmosphere from the exhaust of this machine. Dust produced by the unloading of material from the haulage trucks, and the subsequent movement/spreading of Soil and Stone over the area of the deposition site is discussed in relation to dust as a potential environmental nuisance rather than a site emission.
- The Treatment/Abatement/Control System which manages the emissions to surface water are discussed in Section E.2 above:

“Per requirements of Licence W0256-01, 5 no. 'Settlement Ponds' have been put in place on the drainage channels, prior to their emission to the main surface water body (Clooneen River), as shown on Drawing No. 2084-2614 Rev D (attached in 'Application Drawings'). The purpose of these Settlement Ponds is to allow suspended solids drop out of solution, prior to the surface water discharging from the site, into the Clooneen River”.

- Emission from the mobile plant (i.e. Hitachi 200 excavator) (Noise & Exhaust) are managed by ensuring that the machine is serviced regularly in order to ensure that exhaust emissions are kept to a minimum, and that the engine produces the lowest noise levels possible, and this will be maintained.
- It is proposed to manage the environmental nuisance caused by dust by bringing a tractor with water bowser onto site during extended periods of dry weather, to sprinkle water over hardcore areas and the access road, to dampen down any dust.

ATTACHMENT F.2

Monitoring and Sampling Points Air (Including Dust & Odour)

Drawing No. 2084-2606 Rev D - *Environmental Monitoring Locations* (Attached in 'Application Drawings'), shows environmental monitoring locations at the site as currently licensed and no additional monitoring points are proposed in the application for a Technical Review.

- Three No. 'Dust Monitoring' locations are located at the site:

Monitoring Point:	Grid Reference Location:
D1	E469465.824 N835704.061
D2	E469966.514 N835705.678
D3	E470255.744 N835929.960

It is proposed to monitor for 'Settlement Dust', by the Bergerhoff Method at these locations, biannually.

- 'Odour Monitoring' is not proposed for the facility. Due to the inert nature of the soil and stone recovered & reclaimed at the site, there are no odour emissions at the site and there will be no change in this regard in the application for a Technical Review

ATTACHMENT F.3

Monitoring and Sampling Points Surface Water

Drawing No. 2084-2606 Rev D - *Environmental Monitoring Locations* (Attached in 'Application Drawings'), shows environmental monitoring locations at the site as currently licensed and no additional monitoring points are proposed in the application for a Technical Review.

- Five No. 'Surface Water Monitoring' points are located in the Clooneen River, which runs in an easterly direction, along the northern boundary of the Waste Licence Application site.

Monitoring Point:	Grid Reference Location:
SW1	E469552.459 N836024.337
SW2	E469898.874 N835978.089
SW3	E470263.519 N835956.711
SW4	E470297.078 N835935.629
SW5	E470297.007 N835943.645

SW-1 is located upstream of the site. SW-2 is located along the northern boundary of the site, downstream of the main surface water drainage outlet from the site and SW-3 & SW-4 are located at the northwest corner of the site, SW-3 downstream of a surface water drain outlet from the site, SW-4 downstream of a surface water drain outlet from the site and SW-5 downstream of the final surface water drain outlet from the site.

Surface water monitoring takes places 4 times per annum (quarterly) per the licensed monitoring requirements for parameters listed here and no change is required to these parameters in the application for a Technical Review:

pH
Electrical Conductivity
Total Suspended Solids
Mineral Oils
Total heavy Metals

ATTACHMENT F.4

Monitoring and Sampling Points Sewer Discharge

Drawing No. 2084-2606 Rev D - *Environmental Monitoring Locations* (Attached in 'Application Drawings'), shows environmental monitoring locations at the site as currently licensed and no additional monitoring points are proposed in the application for a Technical Review.

- The soil recovery facility, licensed per licence W 0256-01, does not have existing or proposed Emissions to Sewer any and does not propose to have Emissions to Sewer through the application for a Technical Review.

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ATTACHMENT F.5

Monitoring and Sampling Points Groundwater

Drawing No. 2084-2606 Rev D - *Environmental Monitoring Locations* (Attached in 'Application Drawings'), shows environmental monitoring locations at the site as currently licensed and no additional monitoring points are proposed in the application for a Technical Review.

The soil recovery facility, licensed per licence W 0256-01, does not have existing or proposed Emissions to Groundwater any and does not propose to have Emissions to Groundwater through the application for a Technical Review.

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ATTACHMENT F.6

Monitoring and Sampling Points Noise

Drawing No. 2084-2606 Rev D - *Environmental Monitoring Locations* (Attached in 'Application Drawings'), shows environmental monitoring locations at the site as currently licensed and no additional monitoring points are proposed in the application for a Technical Review.

- Three No. 'Noise Monitoring' locations are located close to the boundary of the site:

Monitoring Point:	Grid Reference Location:
N1	E469488.392 N835689.268
N2	E469963.326 N835727.868
N3	E470234.691 N835923.115

- Two No. 'Noise Monitoring' locations are located at the Nearest Noise Sensitive Locations (i.e. the closest 2 no. residences):

Monitoring Point:	Grid Reference Location:
N4	E470221.416 N836643.320
N5	E469743.123 N835108.874

- It is proposed to monitor noise at the above locations biannually for:
 $L(A)_{eq}$, $L(A)_{10}$ & $L(A)_{90}$.

ATTACHMENT F.7

Monitoring and Sampling Points Meteorological Data

Drawing No. 2084-2606 Rev D - *Environmental Monitoring Locations* (Attached in 'Application Drawings'), shows environmental monitoring locations at the site as currently licensed and no additional monitoring points are proposed in the application for a Technical Review.

- Site Monitoring of Meteorological Data is not required under the currently licensed conditions for W0256-01 and is not required in the application for the Technical Review. Met Eireann have an official 'Weather Station' in Belmullet, within close proximity to the proposed facility. Any Meteorological Data that is required for reporting purposes can be attained from this Met Eireann Weather Station.

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ATTACHMENT F.8

Monitoring and Sampling Points Leachate

- Not Applicable

ATTACHMENT F.9

Monitoring and Sampling Points Landfill Gas

- Not Applicable

ATTACHMENT F.f

Monitoring and Sampling Points Ambient Environmental Monitoring

- Not required under the currently licensed conditions for W0256-01 and is not required in the application for the Technical Review.

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ATTACHMENT G.1

Raw Materials, Substances, Preparations and Energy

- The only fuels required at the Site are 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). As stated in Section D.1.g above: *“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)”*.
- Water will be provided to the facility (Portocabin) by tanker, and stored in a holding tank.
- Soil and Stone accepted at the facility is recovered/reclaimed, by being spread out over the site, in compliance with the existing waste licence; there are no ‘Product Materials’ produced by this recovery/reclamation process. There is no change in this regard in the application for the Technical Review.
- No chemicals (e.g. Insecticides, Herbicides, Rat Poisons, Cleaning Agents, Water Treatment Chemicals, Cooling Water/Boiling Water Additives, Laboratory Chemicals, etc.) are required or accepted at the facility and there is no change in this regard in the application for the Technical Review.

ATTACHMENT G.2

Energy Efficiency

- The only 'Energy' proposed used at the site is that to run the Hitachi 200 excavator and the Generator (to provide electricity to the site Portocabin). To ensure energy efficiency, the facility plant engine is switched off when not in use and the generator only used when necessary to ensure energy efficiency.

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ATTACHMENT H.1

Waste Types and Quantities - Existing & Proposed

- The **Principle Activity** to be carried out at the site, and currently licensed:

Fourth Schedule, Class R4 "**Recycling or Reclamation of other Inorganic Materials**"

It is proposed to accept up to a maximum of 90,000 Tonnes per Annum of Soil & Stone at the facility for recovery/reclamation. 400 Tonnes/Annum of this material may be stored on the site (prior to recovery/reclamation), under Class 13 of the Fourth Schedule, as discussed below. The material will be recovered/reclaimed 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 class of activity:

- Fourth Schedule, Class R13 "**Storage of Waste intended for Submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced**"

This activity allows for the storage of inert Soil & Stone before it is reclaimed by spreading the material over the site area. As currently licensed, it is proposed that 400 Tonnes/Annum of this material may be stored on the site.

- **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 Application for a Technical Review 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 the Technical Review of the Licence 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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ATTACHMENT H.2

Waste Acceptance Procedures

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.

Once the haulage trucks deposit their material, along the perimeter of the hardcore area, the excavator shifts the inert material, from where it is deposited by the haulage trucks and spreads 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 (eg. pieces of wood, plastic, metal), they will be removed and transported to the Waste Quarantine skips, located adjacent to the site office.

The Deputy Facility Manager/Machine Operative maintain 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;

The Deputy Facility Manager/Machine Operative at the site maintains a record of the capacity of each of the trucks, allowing him to keep an accurate record of volumes/quantities of Soil and Stone accepted at the facility on a daily basis.

ATTACHMENT H.3

Waste Handling

- Waste Handling is undertaken by the Deputy Facility Manager/Machine Operative. On arrival, haulage trucks deposit the material close to the site entrance (alongside the hardcore turning area). As discussed in Section H.2 above, The Deputy Facility Manager/Machine Operative inspects 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 ensures that the material is reloaded onto the haulage truck and removed from the site, for authorised disposal elsewhere.

Once the haulage trucks deposit their material, along the perimeter of the hardcore area, the excavator shifts the inert material, from where it is deposited by the haulage trucks and spreads it over the area of the deposition site, in compliance with the Waste Licence Application Drawings (attached in 'Application Drawings', Tab 15). If waste objects are identified within the inert material, whilst shifting/reclaiming the material, which are not compliant with the Waste Licence (eg. pieces of wood, plastic, metal), they will be removed and transported to the Quarantine skips, located adjacent to the site office. (discussed in Section D.1.i above).

ATTACHMENT H.4

Waste Arisings

Waste arising on-site, as described below, is managed per the existing waste licence, and there are no changes required with regard to the application for the Technical Review.

- The only Waste Arisings at the facility are those materials moved to/stored in the Waste Quarantine Area (e.g. wood, plastics, metals, etc.) and wastes from the facility portacabin (office, canteen & store).
- The wastes from the Quarantine skips are removed by authorised Waste Collection Permit Holders for disposal or recovery to authorised waste facilities.
- The waste arisings from the portacabin are small, due to the limited nature of the operation (i.e. only one Deputy Facility Manager/Machine Operative onsite). All wastes in the portacabin are divided into 'Recyclable Waste' and 'Landfill Waste' and appropriately disposed of/recovered.

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