Reg No: W0256-01
Lennon Quarries Limited
Article 14(2)(b)(ii) info rec'd 18/06/09

Original

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Our Ref: **ES/MMcD 2084/1a**

17 June, 2009

Administration
Licensing Unit
Office of Climate Licensing and Resource Use
Environmental Protection Agency
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ENVIRONMENTAL PROTECTION AGENCY
18 JUN 2009

RE: Waste Licence Application - W0256-01
Material Recovery Facility, Tallagh, Belmullet, County Mayo
Lennon Quarries Ltd.

Dear Sir/Madam,

I am writing on behalf of our client Lennon Quarries Ltd. TOBIN (acting on behalf of Lennon Quarries Ltd.) issued an 'Application for a Waste Licence' to the EPA on 28 January 2009. The application relates to an existing Material Recovery Facility, at Tallagh, Belmullet, County Mayo, which is presently operating under Waste Permit (PER 144), from Mayo County Council.

TOBINs received a *'Notice in Accordance with Article 14(2)(b)(ii) of the Waste Management (Licensing) Regulations, 2004 to 2008'* in relation to the above Waste Licence Application (W0256-01) from the EPA, dated 20 April 2009. The notice stated that the documentation submitted for the Waste Licence Application did *'Not Comply with Article 12 of the Waste Management (Licensing) Regulations'* and as such requested that TOBINs, in compliance with Article 12 of the Waste Management (Licensing) Regulations, supply additional information to the EPA.

accepted at the Material Recovery Facility are fully inert natural materials. These inert natural materials will be recovered at the 'Material Recovery Facility', by spreading the material over the site deposition area, for a 2m lift.

At the present time, the land (subject to this Waste Licence Application) is an area of 'Cut-Away Bog', which is of little use for agricultural purposes. By building up the land with a 2m lift of inert natural material (including an upper layer of sub-soils/topsoils), the land will become useable agricultural land for grazing and or tillage.

Request No. 1 required a '***Supporting statement as to the purpose of the works from an independent agricultural advisor, engineer, landscape architect or other technical expert'.*** In compliance with this request, Lennon Quarries Ltd. commissioned an independent agricultural advisor - Joe Earley, Agricultural Consultants, to comment on the proposed use of the site, under the Waste Licence Application. Joe Earley studied the plans for the site under the Waste Licence Application, visited and inspected to the site and wrote a letter/report on his findings. This letter/report is attached in Appendix A. His letter/report concluded:

"To conclude, we believe that by granting the pending Waste Licence Application, the 'Continued acceptance of 24,900 Tonnes per annum of non-hazardous/inert material and its recovery, by spreading the material over the site deposition area (to a depth of 2m) will have a consequential benefit of improving the land for agricultural purposes".

Request No. 2:

Provide written confirmation from the Planning Authority as to whether planning permission and/or an Environmental Impact Statement (EIS) is required for the proposed development, having regard to the scale and duration of the activity (total capacity approximately 600,000 tonnes to be deposited over 24 years), and the fact that the projected annual acceptance of waste is just under the 25,000 tonnes threshold for Environmental Impact Assessment (disposal of >25,000 tonnes requires an EIS in accordance with European Communities (Environmental Impact Assessment) Regulations 1989, as amended).

If an Environmental Impact Assessment is deemed necessary, please submit an EIS to the Agency in accordance with Article 13 of the Waste Management (Licensing) Regulations, 2004 to 2008.

Firstly, in the Waste Licence Application (January 2009), it was stated in *Attachment B.3 - Planning Authority*:

We understand that the activities carried out under the existing Waste Permit (Mayo County Council - PER 144) and the proposed Waste Licence are exempt from Planning Permission, under:
Planning and Development Regulations, 2001:
Schedule 2,
Part 3 - Exempted Development - Rural
Class 11 - Land Reclamation
"Development consisting of the carrying out, on land which is used only for the purpose of agriculture or forestry, of any of the following works" - .....
Sub-Class (b):
"Land Reclamation"

Secondly, in the Waste Licence Application (January 2009), it was stated that an Environmental Impact Statement (EIS) was not required for the application under *S.I. No. 349/1989: European Communities (Environmental Impact Assessment) Regulations, 1989),* which states that: *'Disposal or recovery activity >25,000 tonnes per annum require an EIS'.* As the application proposes the recovery of 24,900 Tonnes per annum (i.e. < 25,000 Tonnes per annum), it was understood that an EIS was not required.

On receiving the Article 12 Notice from the EPA and in particular Request No. 2 above, Dr. Emma Sweeney, Senior Environmental Scientist, TOBINs, contacted (by telephone) Mr Iain Douglas, Senior Planner for Mayo County Council and put the question to him directly (i.e. "Would Planning Permission be required for the activity proposed under this Waste Licence Application"?). Mr. Douglas was aware of the Waste Licence Application, having received a similar request directly from the EPA.

Mr. Douglas referred to Section 3 of the Planning & Development Act, 2000, which defines 'Development'. In particular, he referred to Section 3(2)(b)(iii), which states that where land is used for the deposition of 'Builders' Waste', then the use of the land shall be taken as having materially changed, i.e. it is a 'development', which requires Planning Permission. Therefore, by reason of the type of materials proposed to be deposited on the site by the Waste Licence Application (i.e. including Builders' Rubble), the proposed facility would not be exempt from planning permission.

Mr. Douglas went on to state that 'Rural Land Reclamation' is exempt from planning permission under Planning and Development Regulations, 2001, Schedule 2, Part 3 - Exempted Development - Rural, Class 11 - Land Reclamation - "Development consisting of the carrying out, on land which is used only for the purpose of agriculture or forestry, of any of the following works" - .Sub-Class (b)- "Land Reclamation". Therefore, if only natural materials were being recovered at the site (i.e. materials proposed, minus all Builders Rubble), then the proposed recovery activities on the site would be exempt from planning permission.

As it was required by Request No. 2 that '*Written confirmation from the Planning Authority as to whether planning permission and/or an Environmental Impact Statement (EIS) is required for the proposed development'*, TOBIN issued a request in writing to Mayo County Council Planning Department on 19 May 2009 (under Section 5(1) of the Planning & Development Act, 2000) for a declaration on whether the development (proposed by Waste Licence Application W0256-01) is or is not exempt from Planning Permission. A copy of the *Section 5 Request* is attached in Appendix B.

This *Section 5 Request* also asked for an opinion from Mayo County Council Planning Department, as to whether an EIS would be required for the proposed Waste Licence Application.

The official Mayo County Council Planning Department response to the *Section 5 Request* was received by TOBIN on Monday 15 June 2009, a copy of which is attached in Appendix C.

The Mayo County Council Planning Department response concludes:

"Mayo County Council does not consider the works on the site are exempted development and therefore would require planning permission".

The letter states that deposition of materials (as listed in the Waste Licence Application) would constitute a material change of use of the land, by reason of the type of materials to be deposited, i.e. including "Builders Rubble".

The letter goes on to state that the construction of a hardstand area and portocabin (as proposed by the Waste Licence Application) would also require planning permission.

Finally, the Mayo County Council Letter states that if Planning Permission is submitted, that due to the sensitive location of the site (adjoining a cSAC), due to the size of the proposed facility, and due to the proposed time frame, that an EIS would be required as part of the Planning Application.

Lennon Quarries Ltd. have applied for a Waste Licence to the EPA for the site at Tallagh, Belmullet, County Mayo, to allow recovery of inert materials, rather than having to send them to landfill for disposal, whilst at the same time reclaiming the site for agricultural purposes. Lennon Quarries Ltd., if possible, do not wish to enter into an expensive and lengthy Planning Permission/EIS process to enable them to carry out their proposed plans. Therefore, Lennon Quarries Ltd. now wish to alter their Waste Licence Application to remove the proposals to accept the following waste types, which would classify as 'Builders Rubble':

EWC 17

Construction and Demolition Wastes: -

- EWC 17 01 01
  Concrete
- EWC 17 01 02
  Bricks
- EWC 17 01 03
  Tiles & Ceramics
- EWC 17 01 07
  Mixture of Concrete, Bricks, Tiles & Ceramics, other than those mentioned in 17 01 06
- EWC 17 09 04
  Mixed Construction & Demolition Wastes, other than those mentioned in 17 09 01, 17 09 02 & 17 09 03

The remaining waste types proposed to be accepted at the facility are uncontaminated natural inert materials (i.e. soil, stones, sand, natural dredging spoil, tailings, etc.). TOBINs understand that by recovering only these natural materials at the site, that the proposed 'Material Recovery Facility' will be exempt from Planning Permission (under - *Planning and Development Regulations, 2001, Schedule 2, Part 3 - Exempted Development - Rural, Class 11 - Land Reclamation - "Development consisting of the carrying out, on land which is used only for the purpose of agriculture or forestry, of any of the following works" - .Sub-Class (b)- "Land Reclamation"*). TOBIN understand that if exempt from Planning Permission, the completion of an EIS would not be required.

TOBINs have requested clarification from Mayo County Council on the above. A copy of the letter issued to Mr Iain Douglas, Senior Planner, Mayo County Council Planning Department, dated 17 June 2009, is attached in Appendix D. Once a response to this letter is received from Mayo County Council, it will be immediately forwarded to the EPA, in support of Waste Licence Application W0256-01.

With regards to the proposed construction of a hardstand area and portocabin (as proposed by the Waste Licence Application W0256-01, January 2009), which Mayo County Council Planning Department have stated would also require planning permission, it is proposed that TOBINs will meet with the Mayo County Council Planner for the Belmullet area, to discuss options. The EPA will be fully briefed following this meeting, of any proposed changes to Waste Licence Application W0256-01, including revised Drawings, etc.

Request No. 3:

It is noted that the site is owned by Erris Farm Services Co-Op Society Limited, and is on long-term lease to Lennon Quarries Limited. Provide evidence of the landowner's

permission to use the lands for the proposed development and clarify the duration of the leasehold agreement.

Erris Farm Services Co-Op Society Ltd., Chapel Street, Belmullet, County Mayo are sole owners of the 27.22ha site at Tallagh, Belmullet, County Mayo, which is subject to Waste Licence Application W0256-01. The site is on long term lease to the Waste Licence Applicant - 'Lennon Quarries Ltd.' The existing lease agreement began on 01 May 2006, and is for a period of four years and six months, i.e. it expires on 01 October 2010. A copy of this lease agreement is attached in Appendix E.

Please find attached (Appendix F) a letter from Erris Farm Services Co-Op Society Ltd., which states (in summary):

- They agree to draw up a new 'Lease Agreement' with Lennon Quarries Ltd. prior to the expiration of the existing Lease Agreement (i.e. < 01 October 2010);
- The new Lease Agreement will be for 4 no. years and 9 no. months duration;
- They understand that the development proposed by the Waste Licence Application W0256-01 means the site will be active for 24 years (from date of grant of Waste Licence);
- They understand that 'Waste Facility Permit PER 144' is presently in existence for the facility, which was issued on 30 January 2006 and which expires on date EPA either grant/refuse Waste Licence Application;
- They understand that the Waste Licence proposes to continue operating the site as a 'Materials Recovery Facility', accepting 24,900 Tonnes per annum of non-hazardous/inert materials and its recovery, by spreading the material over the site deposition area, for a 2m lift;
- They understand and fully believe that the land is presently 'Cut Away Bog' which is of little use for agricultural purposes, and that by building up the land with a 2m lift of non-hazardous/inert material, including an upper layer of sub-soil/topsoils, that the land will become useable agricultural land for grazing and/or tillage.

The existing lease agreement *Term G* states that the property be used in strict compliance with the terms of existing Waste Permit PER 144. TOBIN advise that should a Waste Licence be granted for the facility, that a new Lease Agreement be immediately drawn up to state that the property be used in strict compliance with the terms of new Waste Licence.

Request No. 4:

Waste Types

Waste considered acceptable for recovery at a waste soils recovery facility are generally limited to uncontaminated natural soils, sub-soils, stone and rock (EWC Code 17 05 04).

As shown in the table below, a number of additional waste streams have been requested in the licence application.

EWC Code	*Waste Description*
01 04 09	*Waste sand and clay*
01 04 10	*Dusty and powdery wastes, other than those mentioned in 01 04 07*
01 04 12	*Tailings and other wastes from washing and cleaning of minerals, other than those mentioned in 01 04 07 & 01 04 11*
17 01 01	*Concrete*
17 01 02	*Bricks*
17 01 03	*Tiles & Ceramics*
17 01 07	*Mixture of concrete, bricks, tiles & ceramics*
17 05 06	*Dredging spoil, other then those mentioned in 17 05 05*
17 09 04	*Mixed C&D wastes, other than those mentioned in 17 09 01, 17 09 02 & 17 09 03*

Waste Licence Application W0256-01, relates to a 'Material Recovery Facility', rather than a 'Waste Soils Facility'. In the Waste Licence Application, dated January 2009, it was proposed to accept the following wastes:

EWC 01
Waste Resulting from Exploration, Mining, Quarrying, and Physical & Chemical Treatment of Minerals: -

- EWC 01 04 09
  Waste Sand & Clay
- EWC 01 04 10
  Dusty & Powdery Wastes, other than those mentioned in 01 04 07
- EWC 01 04 12
  Tailings & Other Wastes from Washing & Cleaning of Minerals, other than those mentioned in 01 04 07 & 01 04 11

EWC 17
Construction and Demolition Wastes: -

- EWC 17 01 01
  Concrete
- EWC 17 01 02
  Bricks
- EWC 17 01 03
  Tiles & Ceramics

- EWC 17 01 07
  Mixture of Concrete, Bricks, Tiles & Ceramics, other than those mentioned in 17 01 06
- EWC 17 05 04
  Soil & Stones, other than those mentioned in 17 05 03
- EWC 17 05 06
  Dredging Spoil, other than those mentioned in 17 05 05
- EWC 17 09 04
  Mixed Construction & Demolition Wastes, other than those mentioned in 17 09 01, 17 09 02 & 17 09 03

As discussed in the response to Request No. 2 above, correspondence with Mayo County Council Planning Department has indicated that recovery of 'Builders Rubble' on land (such as was proposed for the present Waste Licence Application) is not exempt from planning. Therefore TOBIN / Lennon Quarries Ltd. now wish to remove all waste streams that could fall within this waste type. i.e.:

EWC 17
Construction and Demolition Wastes: -

- EWC 17 01 01
  Concrete
- EWC 17 01 02
  Bricks
- EWC 17 01 03
  Tiles & Ceramics
- EWC 17 01 07
  Mixture of Concrete, Bricks, Tiles & Ceramics, other than those mentioned in 17 01 06
- EWC 17 09 04
  Mixed Construction & Demolition Wastes, other than those mentioned in 17 09 01, 17 09 02 & 17 09 03

The remaining waste types now proposed to be accepted at the 'Material Recovery Facility' under Waste Licence Application are W0256-01 are:

EWC 01
Waste Resulting from Exploration, Mining, Quarrying, and Physical & Chemical Treatment of Minerals: -

- EWC 01 04 09
  Waste Sand & Clay
- EWC 01 04 10
  Dusty & Powdery Wastes, other than those mentioned in 01 04 07
- EWC 01 04 12

Tailings & Other Wastes from Washing & Cleaning of Minerals, other than those mentioned in 01 04 07 & 01 04 11

EWC 17
Construction and Demolition Wastes: -

- EWC 17 05 04
  Soil & Stones, other than those mentioned in 17 05 03
- EWC 17 05 06
  Dredging Spoil, other than those mentioned in 17 05 05

All of the above 'Waste Types' are uncontaminated natural inert materials (i.e. soil, stones, sand, natural dredging spoil, tailing, etc.).

It is proposed to import the above uncontaminated natural inert materials and to recover the materials, by spreading them over the proposed site deposition area. This proposed continued recovery of inert material on the site is proposed to have a 'Consequential benefit of improving the land for agricultural use'.

4(i)

Please identify the sources and quantities of the proposed waste streams and their proposed function in the fill/deposition.

As stated in the Waste Licence Application (January 2009), it is proposed to accept 24,900 Tonnes/annum at the Materials Recovery Facility. As discussed above, the wastes proposed to be accepted are all uncontaminated natural inert materials, which fall under EWC Groupings - EWC 01: Waste Resulting from Exploration, Mining, Quarrying, and Physical & Chemical Treatment of Minerals and EWC 17: Construction and Demolition Wastes. All 'Builders Rubble' has been removed from the list of waste materials proposed to be accepted at the facility.

As presented on Table H.1(ii) of the Waste Licence Application (January 2009), it is proposed that the breakdown on waste quantities accepted at the facility will be:

EWC 01: Waste Resulting from Exploration, Mining, Quarrying, and Physical & Chemical Treatment of Minerals:
(i.e.: sand, clays, tailings & silt from quarries)

- 575 Tonnes/Month
- 6,900 Tonnes/Year

EWC 17: Construction and Demolition Wastes:
(i.e.: soil, stones & dredging spoil)

- 1,500 Tonnes/Month
- 18,000 Tonnes/Year

The natural quarry wastes (i.e.: sand, clays, tailings & silt from quarries) will originate from Lennon Quarries Ltd. active quarry in Glencastle, Bunnahowen, Ballina, County Mayo. The natural construction and demolition wastes (i.e.: soil, stones & dredging spoil) (NB: not including 'Builders Rubble') will originate from construction sites where the natural earth is being dug out and removed (eg: for building foundations, for landscaping purposes, for pipe laying, for infrastructure projects, etc.).

Lennon Quarries Ltd. have an active Waste Collection Permit (WCP-MO-09-0276-01) which allows them to collect and transport the above listed/proposed waste types (along with other waste types) and transport them for recovery at the Materials Recovery Facility, subject to this Waste Licence Application. This Waste Collection Permit allows Lennon Quarries Ltd. to collect these waste types from the following Local Authority areas:

- Galway County Council;
- Galway City Council;
- Mayo County Council;
- Leitrim County Council;
- Roscommon County Council;
- Sligo County Council.

Lennon Quarries Ltd. propose to collect the agreed waste types from sites within these areas. However, it is not possible to identify the exact site locations at this time.

Both the natural quarry wastes (i.e.: sand, clays, tailings & silt from quarries) and the natural construction and demolition wastes (i.e.: soil, stones & dredging spoil) are proposed to be transported to the Materials Recovery Facility (subject to this Waste Licence Application) to allow the materials to be recovered by spreading them over the surface ware of the site. Whilst allowing these wastes to be recovered, the 2m raise in land level is also improving the quality of the land for future agricultural use (i.e. grazing or tillage).

4(ii)

Evaluate the leachate generation potential of the proposed waste streams, and justify the proposal to accept the requested waste types at this facility, having regard to the lack of engineered bottom/side liner to afford protection to underlying soils, groundwater and adjoining surface waters.

By definition, *Leachate* is the water, which passes through the waste, and water generated within the landfill site, resulting in a liquid containing suspended solids, soluble components of the waste and products from the degradation of the waste by various microorganisms. The composition of the leachate will depend on the heterogeneity and composition of the waste, and the characteristics of the leachate is influenced by the waste material deposited in the site.

The waste material proposed to be recovered at the site subject to this Waste Licence Application is uncontaminated natural inert material. This type of waste stream has little or no potential to generate leachate. Water may pass though the deposited material, but will not be generated by the material. There will be no soluble components in the waste and there will be no products from degradation of the waste by various organisms. Any water, which passes through the waste, may pick up suspended solids, but only as it would in a natural unaltered green field site.

Any waters onsite are expected to be picked up by the proposed surface water drainage system for the site. All surface water drains on the site drain to/will drain to the local Clooneen River. These emissions to Surface Water are discussed in Attachment E.2 of the Waste Licence Application (January 2009), which also discusses the proposals to construct 5 no. 'Settlement Ponds' on the 5 no. drainage channels that drain surface water from the site into the Clooneen River. The purpose of these Settlement Lagoons is to allow any suspended solids in the water (a percentage of which may be described as leachate) drop out of solution, prior to the surface water discharging from the site, into the Clooneen River.

Due to the nature of the materials proposed to be recovered at the facility (uncontaminated natural inert material), any leachate produced on the site will be completely inert and thus an engineered bottom/side liner to afford protection to underlying soils, groundwater and adjoining surface waters, would not be required.

Request No. 5:

Provide a proposed testing regime for waste acceptance at the facility, having regard to EC Council Decision 2003/33/EC

Council Decision 2003/33/EC - Establishes Criteria and Procedures for the Acceptance of Waste at Landfills, including landfills for inert waste, landfills for non-hazardous waste, landfills for hazardous waste, and for underground storage.

Under Council Directive 1999/31/EC, of 26 April 1999, on the Landfill of Waste, a '*Landfill*' is defined as - *A waste disposal site for the deposit of the waste onto or into land (i.e. underground).* Waste Licence Application W0256-01 does not refer to a Landfill (as there is no disposal proposed at the site), but to a 'Material Recovery Facility', where all material will be

recovered. As such, TOBIN understand that EC Council Decision 2003/33/EC is not relevant to the facility proposed under Waste Licence Application W0256-01.

However, as discussed in the Waste Licence Application (January 2009), there will be 'Waste Acceptance Procedures' in place at the proposed Material Recovery Facility. These procedures were presented in Attachment H.2 of the Waste Licence Application, which read:

> *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 (attached in 'Application Drawings', Tab 15). This will allow haulage trucks to enter the site, turn, and deposit their material, along the perimeter of the hardcore area".*
>
> *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 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 (e.g. pieces of wood, plastic, metal), they will be removed and transported to the Waste Quarantine Area (discussed in Section D.1.i above).*
>
> *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;*
>
> *Although it is not proposed to install a weighbridge at the facility, all inert material arriving at the facility will be delivered in haulage trucks owned and operated by Lennon Quarries*

Ltd. (under Waste Collection Permit CW276, which is presently under review with Mayo County Council). The Deputy Facility Manager/Machine Operative on the Waste Licenced 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 (construction & demolition waste and wastes resulting from quarrying activities) being accepted at the facility on a daily basis.

Having regard to EC Council Decision 2003/33/EC (although not necessary for the proposed facility, as it is not a '*Landfill*'), the 'Procedure for the Acceptance of Waste at Landfills' is 3-fold:

1. Basic Characterisation;
2. Compliance Testing;
3. On-site Verification.

'Basic Characterisation' means collecting all information possible on the waste. Therefore, it is proposed to revise the 'Record of Material Arriving at the Facility' to include:

- *Date;*
- *Time;*
- *Owner Truck;*
- *Truck Licence Plate No.;*
- *Origin of Material;*
- *Process which Produced the material;*
- *Appearance of the material;*
- *Odour from the Material;*
- *Type of Material (according to European Waste Codes (EWC);*
- *Quantity of Material;*

'Compliance Testing' is required at landfills to periodically check regularly arising waste streams and to prove that the waste is acceptable under the relevant Waste Licence. The EC Council Decision 2003/33/EC gives Waste Acceptance Criteria for a no. of different landfill types. The Material Recovery Facility, would be most closely associated with a *'Landfill for Inert Waste'*. It is proposed to carry out Compliance Testing on a composite sample of waste received at the proposed Waste Licenced Facility on an annual basis. The results will be compared to the 'Limit Values for Waste Acceptable at Landfills for Inert Waste', as presented in Section 2.1.2 of the Annex to The EC Council Decision 2003/33/EC.

'On-site Verification' requires that each load of waste delivered to the landfill should be visually inspected before and after unloading, to ensure that only wastes authorised by the Waste Licence are accepted at the facility. The 'Acceptance Procedures' proposed for the facility

subject to this Waste Licence Application (discussed above) include visual inspection of the incoming waste on arrival and the immediate removal of waste if non-compliant.

Request No. 6:
Protection of Surface Waters and Groundwater

6(i)

Describe the existing or proposed arrangements necessary to give effect to Articles 3, 4, 5, 6 and 7 of Council Directive 80/68/EEC on the protection of groundwater against the risk of pollution by certain dangerous substances, and Article 6 of Council Directive 2006/118/EC on the protection of groundwater against pollution and deterioration.

Articles 3, 4, 5, 6 & 7 of Council Directive 2006/118/EC, refer to the protection of groundwater against pollution caused by certain dangerous substances. They state that in order to ensure the effective protection of groundwater in the community, it is necessary to prevent the discharge of substances in List I and limit the discharge of substances in List II, to groundwater. List I & II substances are listed in the Annex to the above EU Directive and are composed of toxic, persistent and bioaccumulable substances.

As stated in Section 2 & Section 4 above, the following wastes have been removed from the proposed waste streams to be accepted at the proposed Waste Licenced site:

EWC 17
Construction and Demolition Wastes: -

- EWC 17 01 01
  Concrete
- EWC 17 01 02
  Bricks
- EWC 17 01 03
  Tiles & Ceramics
- EWC 17 01 07
  Mixture of Concrete, Bricks, Tiles & Ceramics, other than those mentioned in 17 01 06
- EWC 17 09 04
  Mixed Construction & Demolition Wastes, other than those mentioned in 17 09 01, 17 09 02 & 17 09 03

The remaining Waste Streams proposed to be accepted at the facility are fully inert uncontaminated natural materials (i.e. soil, stones, sand, natural dredging spoil, tailing, etc.). These materials (listed below) will not contain any Dangerous Substances, as listed in the Annex to Council Directive 2006/118/EC (i.e. - List I & List II substances).

EWC 01

Waste Resulting from Exploration, Mining, Quarrying, and Physical & Chemical Treatment of Minerals: -

- EWC 01 04 09
  Waste Sand & Clay
- EWC 01 04 10
  Dusty & Powdery Wastes, other than those mentioned in 01 04 07
- EWC 01 04 12
  Tailings & Other Wastes from Washing & Cleaning of Minerals, other than those mentioned in 01 04 07 & 01 04 11

EWC 17

Construction and Demolition Wastes: -

- EWC 17 05 04
  Soil & Stones, other than those mentioned in 17 05 03
- EWC 17 05 06
  Dredging Spoil, other than those mentioned in 17 05 05

There will be no direct discharge to groundwater from the proposed Waste Licenced Site. Any water that does percolate through the ground to the Water Table, will have to percolate through the 2m lift of imported inert natural materials and the existing ground, before reaching the Water Table. It is more likely that any water on the site will be collected by the surface water drainage system, and directed towards the Clooneen River, through one of the five proposed settlement lagoons.

Article 6 of Council Directive 2006/118/EC, refers to measures to prevent or limit inputs of both hazardous and non-hazardous pollutants into groundwater. As stated above, the Waste Streams proposed to be accepted at the facility are fully inert uncontaminated natural materials (i.e. soil, stones, sand, natural dredging spoil, tailing, etc.), containing no pollutants (either hazardous or non-hazardous). The strict 'Waste Acceptance Procedures' proposed by the Waste Licence Application (as discussed in Response to Request No. 5 above), will ensure that wastes not authorised by the Waste Licence, will not be accepted at the facility. All wastes stored in the Waste Quarantine Area will be correctly managed to ensure that they do not cause any threat to the surrounding environment, including groundwater.

6(ii)

Provide an assessment of the impact of the proposed activities on surface waters and groundwater to include, inter alia, topography, meteorological data, existing water quality, risk to water quality (leachability of the proposed wastes), geology, hydrology and hydrogeology.

Impact on Groundwater:

Using the Geological Survey of Ireland (GSI) Database, it is concluded that the site (subject to this Waste Licence Application) is underlain by Precambrian Quartzites, Gneisses and Schists, which are highly metamorphosed hard bedrocks, some of the oldest in Ireland. This bedrock has an Aquifer Classification of PL = Poor Aquifer, which is generally unproductive, except for local zones. Only an interim study of Aquifer Vulnerability has taken place in this area, which classifies the Aquifer Vulnerability of the site and surrounding areas as HL High to Low (i.e. it has not been given a true vulnerability). The soils on the site are reported as 'Peat'.

The information attained from the GSI above, along with the fact that there are no groundwater supply wells identified in the vicinity of the site (will be discussed in Section 6(iii) below) would indicate that the groundwater below the site (subject to this Waste Licence Application) is not very vulnerable to pollution. In any case, as discussed above, it is proposed to recover only inert uncontaminated natural materials (i.e. soil, stones, sand, natural dredging spoil, tailing, etc.) on the site, which would not create any threat to groundwater.

Impact on Surface Waters:

As discussed above, due to the thickness of overburden (i.e. natural Peats and proposed 2m of recovered uncontaminated inert material), it is likely that any water on the site will be collected by the surface water drainage system, and directed towards the Clooneen River. There are/will be 5 no. surface water emissions from the site surface water drainage system to the Clooneen River, as shown on Drawing No. 2084-2613, of the Waste Licence Application (January 2009). The emissions to Surface Water are discussed in detail in *Attachment E.2* of the Waste Licence Application (January 2009).

As discussed in *Attachment E.2* of the Waste Licence Application (January 2009), it is proposed to excavate 5 no. 'Settlement Ponds' on the drainage channels, prior to their emission to the main surface water body (Clooneen River), as shown on Drawing No. 2084-2614 Rev. A, of Waste Licence Application (January 2009). 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. Six No. 'Surface Water Monitoring' locations are proposed on the Clooneen River, as shown on Drawing No. 2084-2606 Rev. B (attached in Appendix G). One is located upstream of the site, and the remaining five are located directly downstream of each of the surface water emission points to the Clooneen River. This will allow the surface water being emitted from the site (following the settlement lagoons) to be strictly monitored.

The existing topography of the site (subject to this Waste Licence Application) is shown on Drawing No. 2084-2607 of the Waste Licence Application (January 2009). This drawing shows that the entire site slopes towards the Clooneen River, which runs along the northern boundary

of the site. Drawing No. 2084-2608 of the Waste Licence Application (January 2009) shows the 'Proposed Topographic Map of the Application Site, Showing Final Ground Levels'. As can be seen by comparing both Drawings, the materials will be recovered (deposited) on a 2m lift along the existing contours, (i.e. the final contours will mirror the existing contours, but will be 2m higher). Therefore the final topography of the site will also slope towards the Clooneen River.

As the drainage of the site will be preserved during the recovery/deposition process, it is expected that the site will remain well drained, and the 5 No. Settlement Lagoons will ensure that suspended solids are removed from the surface water before is drains from the site into the Clooneen River.

An Assessment of the proposed facilities impact on the receiving water was attached in Attachment I.2 of the Waste Licence Application (January 2009).

Finally, as it is now proposed to recover only inert uncontaminated natural materials (i.e. soil, stones, sand, natural dredging spoil, tailing, etc.) on the site, it is not expected that any pollutants/contaminants will leach into the surface water draining from the site.

6(iii)

Confirm whether there are any groundwater supply wells in the vicinity of the site.

The Geological Survey of Ireland (GSI) 'Groundwater Maps' do not show any groundwater wells in the vicinity of the site, subject to this Waste Licence Application. The Waste Licence Applicant - Lennon Quarries Ltd. are not aware of any groundwater supply wells in the vicinity of the site.

As shown on Drawing No. 2084-2601 & 2084-2604 of the Waste Licence Application (January 2009), a 225mm Public Watermains runs along the main road to the south of the proposed licenced site, supplying all residences in the area with water.

Request No. 7:

Provide design details of the proposed 5 no. settlement lagoons at the facility. Guidelines for settlement lagoons are given in 'Environmental Management Guidelines - Environmental Management in the Extractive Industry (Non-Schedules Minerals) (EPA 2006)', which is available to download from the Agency's website (www.epa.ie)

The traditional site treatment for surface run-off to reduce suspended solids is by means of a Settlement Lagoon.

Five Settlement Lagoons are proposed to be constructed on the site (subject to this Waste Licence Application). The proposed Settlement Lagoon locations and their associated 'Zones of Contribution' are shown on Drawing No. 2084-2614 Rev. B attached (Appendix H).

According to *'Environmental Management Guidelines - Environmental Management in the Extractive Industry (Non-Schedules Minerals) (EPA 2006)'*, - "*The design of on-site settlement lagoons is based on proven practices of sedimentation and flow control, developed for the water treatment and sewage treatment sectors*".

Using guidance from the above document, capacities for each of the Settlement Lagoons were calculated. The full 'Calculation Sheets' are attached in Appendix I, with the calculation summaries given below:

Settlement Lagoon 1:
Contribution Area - 33,000m^2
Runoff Coefficient - 10%
Background Discharge - 3.5l/s
Gross Storage Required - 53.4m^3
Gross Storage Proposed (= Proposed Volume of Lagoon) - 75m^3
Proposed Depth of Lagoon - 1m
Proposed Length of Lagoon - 15m
Proposed Width of Lagoon - 5m

Settlement Lagoon 2:
Contribution Area - 112,500m^2
Runoff Coefficient - 10%
Background Discharge - 11l/s
Gross Storage Required - 222.3m^3
Gross Storage Proposed (= Proposed Volume of Lagoon) - 240m^3
Proposed Depth of Lagoon - 1m
Proposed Length of Lagoon - 24m
Proposed Width of Lagoon - 10m

Settlement Lagoon 3:
Contribution Area - 61.000m^2
Runoff Coefficient - 10%
Background Discharge - 6l/s
Gross Storage Required - 119m^3
Gross Storage Proposed (= Proposed Volume of Lagoon) - 130m^3
Proposed Depth of Lagoon - 1m
Proposed Length of Lagoon - 20

Proposed Width of Lagoon - 6.5

Settlement Lagoon 4:
Contribution Area - 18,000m^2
Runoff Coefficient - 10%
Background Discharge - 2.5l/s
Gross Storage Required - 3.6m^3
Gross Storage Proposed (= Proposed Volume of Lagoon) - 55m^3
Proposed Depth of Lagoon - 1m
Proposed Length of Lagoon - 11m
Proposed Width of Lagoon - 5m

Settlement Lagoon 5:
Contribution Area - 2,300m^2
Runoff Coefficient - 10%
Background Discharge - 2.5l/s
Gross Storage Required - -Discharge Exceeds Storage
Gross Storage Proposed (= Proposed Volume of Lagoon) - 55m^3
Proposed Depth of Lagoon - 1m
Proposed Length of Lagoon - 11m
Proposed Width of Lagoon - 5m

Request No. 8:

In 'Table I.2(i) Surface Water Quality', clarify whether the Ammoniacal Nitrogen concentration recorded as location SW-3 was 0.64mg/l or 0.064mg/l (as shown on the certificate of analysis in Attachment I.2)

The reading for Ammoniacal Nitrogen concentration of 0.64mg/l for SW-3 in Table I.2(i) was a typing error. As on the Laboratory Certificate of Analysis (Attachment I.2), this concentration should have read 0.064mg/l. Please accept our apology for any inconvenience or confusion this may have caused. Please find attached a replacement Table I.2(i) (Sheet 1 of 2), where this mistake has been rectified (Appendix J).

Request No. 9:

Provide a description of the phasing sequence for the waste deposition at the facility.

The proposed 'Waste Handling Procedure' for the facility was discussed in Attachment H.3 of the Waste Licence Application (January 2009):

The only Waste Handling involved will be by the Deputy Facility Manager/Machine Operative. On arrival, the haulage trucks will 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 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 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 (e.g. pieces of wood, plastic, metal), they will be removed and transported to the Waste Quarantine Area (discussed in Section D.1.i above).

The waste deposition at the site is proposed to be carried out in 3 No. Phases, as shown on Drawing No. 2084-2615 Rev. A attached (Appendix K). During Phase 1, the waste will be spread over the eastern area of the site. As discussed above, the waste will be deposited close to the site entrance by the haulage trucks and the machine driver will fan out the acceptable material concentrically over the area of Phase 1.

Once Phase 1 is complete, the acceptable material will be fanned out over Phase 2, for a 2m lift. Finally, when Phase 2 is complete, the incoming material will be transported over the area of Phase I & 2, to be deposited over the Phase 3 area, again to be fanned out for a 2m lift.

All perimeter surface water drains will remain untouched, with the 2m land raise rising up at a slope of 3:1 from the top of the drains. The existing open surface water drains which cut through the Area of Waste Deposition, will be retained, but will also be raised by 2m, as shown on Cross Section Drawings 2084-2609, 2084-2610 & 2084-2611, attached to the Waste Licence Application (January 2009).

Request No. 10:

Submit a revised drawing identifying the proposed environmental monitoring locations (Drawing No. 2084-2606 Rev. A), as discussed on site on 20th March 2009.

Drawing No. 2084-2606 Rev. A - Proposed Environmental Monitoring Locations was lodged with the Waste Licence Application in January 2009. The drawing presented monitoring locations for

Surface Water, Noise and Dust. The monitoring locations presented on *Drawing No. 2084-2606 Rev. A* were the locations used for the background monitoring carried out as part of the Waste Licence Application. While reviewing the monitoring results within the Waste Licence Application, *Drawing No. 2084-2606 Rev. A,* should therefore be referred to.

However, during the site meeting / site investigation on 20 March 2009, attended by Ms Aoife Loughnane (EPA Inspector for the Waste Licence Application), T.J. Lennon (Lennon Quarries Ltd.) and Emma Sweeney (TOBINs), it was agreed that 2 no. new Surface Water sampling locations, should be added downstream of Surface Water Emission Points EMSW-1 & EMSW-2. This new proposed monitoring locations SW1A & SW1B are shown on Drawing No. 2084-2606 Rev B attached (Appendix G). It was also agreed during the meeting that the location of monitoring points D1 (Dust) and N1 (Noise) should be moved to a location further away from the side road (which forms the south western boundary of the site). This was proposed to avoid noise and dust associated with the road from interfering with the monitoring readings. Also, it was agreed that the proposed construction of a new GAA pitch close to the side road could interfere with the monitoring results. The new locations for these monitoring locations (D1a & N1a) are also shown on Drawing No. 2084-2606 Rev B attached (Appendix G).

Request No. 11:

Identify the disposal/recovery destinations (including waste permit/licence details) for wastes collected at the waste quarantine area (wood, metals, plastic, etc.).

The Waste Licence Application, lodged in January 2009, stated that the Deputy Facility Manager/Machine Operative would inspect each load, as it is being deposited along the perimeter of the proposed hardcore turning area. This is to ensure that waste accepted 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.

When spreading the deposited material over the area of the deposition site, the Facility Manager/Machine Operative will continuously inspect the material, to ensure it does not contain any unauthorised waste. If waste objects are identified within the inert material, which are not compliant with the Waste Licence (e.g. C & D wastes, wood, metals, plastics, etc.) they will be removed and transported to the proposed Waste Quarantine Area.

Due to the procedure of examining the waste as it is being deposited by the waste haulers, it is not expected that much waste will be stored in the Quarantine Area.

Lennon Quarries Ltd. Waste Collection Permit WCP-MO-09-0276-01 (a copy of which is attached in Appendix L) permits Lennon Quarries haulage trucks to transport C&D Waste and

wood (along with the materials they will deliver to the site for authorised recovery). This facility means that Lennon Quarries Ltd. haulage trucks can remove Quarantined Waste (C & D and wood) for authorised disposal/recovery at Mayo County Council's Rathroeen Landfill (EPA Ref. W0067-01), Ballina, County Mayo. Lennon Quarries Ltd. are authorised to deposit waste at this facility, under Waste Collection Permit WCP-MO-09-0276-01.

All other materials collected in the Waste Quarantine Area (e.g. glass, metals, etc.) will be removed from the site by a suitably permitted Waste Hauler and delivered to Mayo County Council's Rathroeen Landfill (EPA Ref. W0067-01), Ballina, County Mayo.

Request No. 12:

Submit a copy of the 2008 Annual Environmental Report required under Waste Permit PER 144.

A copy of the 2008 Annual Environmental Report (AER) required to be submitted to Mayo County Council, under Waste Permit 144, is attached in Appendix M. The AER is completed using Mayo County Council's Template Report. A copy of the Excel File is saved on the CD, which accompanies this document.

Request No. 13:

Submit a copy of Lennon Quarries Limited's current waste collection permit.

A copy of Lennon Quarries Ltd.'s Waste Collection Permit - WCP-MO-09-0276-01, is attached in Appendix L, as requested.

Request No. 14:

Your reply to this notice should include a revised non-technical summary, which reflects the information you supply in compliance with the notice, insofar as that information impinges on the non-technical summary.

A Revised Non-Technical Summary (Revision B), which reflects the additional information supplied in this RFI Response is attached in Appendix N.

Request No. 15:

In the case where any drawings already submitted are subject to revision consequent on this request, a revised drawing should be prepared in each case.

Drawing No. 2084-2606 Rev. B - Proposed Environmental Monitoring Locations was revised subject to Request No. 10 above. The revised is attached in Appendix G.

Drawing No. 2084-2614 Rev. B - Surface Water Drainage System Including Treatment/Abatement System was revised subject to Request No. 7 above. The revised drawing is attached in Appendix H.
New *Drawing No. 2084-2615 Rev. A - Phasing Sequence for Waste Deposition'* was created in response to Request No. 9 above. The revised drawing is attached in Appendix K.

An updated 'Drawing Register' for the these revised/new drawings is attached in Appendix O.

I do hope the above adequately answers all requests made by the EPA in their *'Notice in Accordance with Article 14(2)(b)(ii) of the Waste Management (Licensing) Regulations, 2004 to 2008'* in relation to Waste Licence Application (W0256-01), dated 20 April 2009. Should you have any further queries, please do not hesitate to contact me.

Yours sincerely,

Dr Emma Sweeney
Senior Environmental Scientist

cc. ***Mr TJ Lennon, Lennon Quarries Ltd., Glencastle, Bunnahowen, Ballina, County Mayo***

APPENDIX A

Joseph F. Earley B. Agr. Sc

Carne, Belmullet. Co. Mayo
Telephone (097) 81486 Mobile 087 9454791
V.A.T. No. IE2209017W

Administration,
Licensing Unit,
Office of Climate, Licensing and Resources Use,
Environmental Protection Agency,
Headquarters,
P.O. Box 3000
Johnstown Castle Estate
Co. Wexford.

RE: Waste Licence Application WO256-01
Lennon Quarries Ltd., Glencstle, Bunnahowen, Ballina, Co. Mayo

Dear Sir/Madam

Joseph F. Earley B. Agr. Sc. , Carne, Belmullet, Co. Mayo, Agricultural Consultants.

I am acting on behalf of our client Lennon Quarries Ltd. , Glencastle, Bunnahowen, Ballina, Co. Mayo in relation to their application to the EPA for a Waste Licence (W0256-01), for a site at Tallagh, Belmullet, Co. Mayo.

I understand that the site has an existing Mayo County Council Waste Permit (PER144), which allows for the acceptance of 24,900 Tonnes per annum of non-hazardous/inert material and its recovery, by spreading the material over the site deposition area, to a depth of 1m. I understand that the pending Waste Licence Application proposes to continue to accept 24,900 Tonnes per annum of non-hazardous/inert material and its recovery, by spreading the material over the site deposition area, to a depth of 2m.

I understand and accept that the continued acceptance of 24,900 Tonnes per annum of non-hazardous /inert material and its recovery, by spreading the material over the site deposition area' (to a depth of 2m) will have a consequential benefit of improving the land for agricultural purposes.

At present, the land is an area of drained 'Cut-Away Bog' which is of little use for agricultural purposes. By building up the land with a 2m lift of non-hazardious/inert material, including an upper layer of sub-soils/topsoils, the land will become useable agricultural land for grazing and or tillage.

To conclude, I believe that by granting the pending Waste Licence Application, the ' continued acceptance of 24,900 Tonnes per annum of non-hazardous /inert material and its recovery, by spreading the material over the site deposition area' (to a depth of 2m) will have a consequential benefit of improving the land for agricultural purposes.

Yours Sincerely

Joseph F. Earley B. Agr. Sc.

Joe Earley

JOE EARLEY
AGRICULTURAL CONSULTANTS
CARNE, BELMULLET.
TEL: (097) 81486
Date: 9/5/2009

APPENDIX B

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Patrick J. Tobin & Co. Ltd.

Consulting Engineers

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Our Ref: ES/MMcD 2084/1a

19 May, 2009

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

Re: Application to the Environmental Protection Agency for a Waste Licence, EPA Reference W0256-01
Lennon Quarries Ltd., Glencastle, Bunnahowen, Ballina, County Mayo
SECTION 5(1) PLANNING & DEVELOPMENT ACT, 2000

Dear Sir/Madam,

We are writing on behalf of our client Lennon Quarries Ltd., Glencastle, Bunnahowen, Ballina, County Mayo, who applied to the Environmental Protection Agency (EPA) for a Waste Licence for the recovery of inert material on a site at Tallagh, Belmullet, County Mayo (which is located at National Grid Reference E470187 N8352292), on 28 January 2009. Notice was given to Mayo County Planning Department of the above Licence Application, in a letter dated 20 January 2009. This was done in accordance with the *Waste Management Acts, 1996 to 2003* and *Article 9 of the Waste Management (Licensing) Regulations, 2004 (S.I. No. 395 of 2004)*.

Lennon Quarries Ltd. received a - *Notice in Accordance with Article 14(2)(b)(ii) of the Waste Management (Licensing) Regulations, 2004 to 2008* from the EPA, dated 20 April 2009. The notice included the following request for information:

'Provide written confirmation from the Planning Authority as to whether Planning Permission and/or an Environmental Impact Statement (EIS) is required for the proposed development, having regard to the scale and duration of the activity (total capacity approximately 600,000

tonnes to be deposited over 24 years), and the fact that the projected annual acceptance of waste is just under the 25,000 tonnes threshold for the Environmental Impact Assessment (disposal or recovery >25,000 tonnes requires an EIS in accordance with European Communities (Environmental Impact Assessment) Regulations 1989, as amended)'.

Therefore, in order to fulfil the above obligation to the EPA, we would now like to request in writing from Mayo County Council Planning Department (under *Section 5(1) of the Planning & Development Act, 2005*) a declaration on whether the development (proposed by EPA Waste Licence Application W0256-01) is or is not exempted development.

As stated in our Notice to you, dated 20 January 2009 (discussed above), we understand that the development (proposed by EPA Waste Licence Application W0256-01) is exempt under the:
Planning and Development Regulations, 2001
Schedule 2
Part 3 - Exempted Development - Rural
Class 11 - Land Reclamation
"Development consisting of the carrying out, on land which is used only for the purpose of agriculture or forestry, of any of the following works" - .....
Sub-Class (b):
Land Reclamation

As stated above, the EPA also requested as to whether an Environmental Impact Statement (EIS) is also required for the proposed development. We understand that the development does not require an EIS. It is not listed as a 'Development for the Purposes of Part 10', under *Schedule 5 of the Planning & Development Regulations, 2001. Part 2(11)(b) of Schedule 5 of the Planning & Development Regulations, 2001,* states the following development requires an EIS:
'Installations for the disposal of waste with an annual intake greater than 25,000 tonnes not included in part 1 of this Schedule'.
The development proposed in this Waste Licence Application refers to Recovery, rather than Disposal and the amount of material to be recovered at the facility is < 25,000 Tonnes/Annum. We would appreciate your opinion on this matter.

In order to allow you understand the development proposed under EPA Waste Licence Application W0256-01, please find attached in Appendix A a copy of the 'Non-Technical Summary & Associated Drawings' from the Waste Licence Application.

The full application is presently available for download from the EPA website.

Please find attached €80 cash being the prescribed fee (for a Section 5 Request) in this instance.

Should you wish to discuss the above, or should you require any additional information, please do not hesitate to contact me.

Yours sincerely,

Dr Emma Sweeney
Senior Environmental Scientist

APPENDIX C

COMHAIRLE CHONTAE MHAIGH EO

Aras an Chontae, Caislean a 'Bharraigh, Chontae Mhaigh Eo.
[redacted] Website: www.mayococo.ie
PLANNING OFFICE: TELEPHONE: 094 9047204 FAX: 094 9021694

Your Ref. Our Ref.

TOBIN CONSULTING ENGINEERS
CASTLEBAR
PROJECT NO. 2794
RBF 1a
Date Received 15 JUN 2009

PASS TO	ACTION BY	DATE
E SWEENEY.		

P09/494

PER REGISTERED POST

12th June 2009

Tobin Cosulting Engineers
Market Square
Castlebar
Co Mayo

Re: Declaration under Section 5 for application to the Environmental Protection Agency for a Waste Licence, EPA Ref. WO256-01 at Glencastle, Bunnahowen, Ballina, Co. Mayo - Lennon Quarries Ltd

Dear Sir,

I refer to your request of a Declaration under Section 5 of the Planning & Development Act, 2000.

Mayo County Council wishes to point out having regard particularly to:

(i) Sections 2,3 and 4 of the Planning and Development Act, 2000 and
(ii) Article 6 (3) of the Planning and Development Regulations 2001 with particular reference to Class 11 of part 3 of Schedule 2 of these Regulations:

It is concluded that:
Mayo County Council does not consider the works on site are exempted development and therefore **would require planning permission.** It should also be noted that if a planning application is submitted, due to the sensitive location adjoining a cSAC area and the size and time frame involved, any application on site would require an Environmental Impact Statement.

Mayo County Council has concluded that said deposition of material on the land constitutes a material change of use of the land by reference to Section 3 (2) (b) (iii) of the Planning and Development Act 2000, by reason of the type of materials to be deposited. Also the construction of a hardstand area and the erection of proto cabins is considered development.
Therefore Mayo County Council considers that the said filling of lands and construction of a hardstand area **is not exempted development.**

Yours sincerely,

MARY KILLORAN COYNE, A.O.
PLANNING SECTION

Copy to: ***Lennon Quarries Ltd, Glencastle, Bunnahowen, Ballina, Co. Mayo.***

ADL/CK

APPENDIX D

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Our Ref: **ES/MMcD 2084/1a**

17 June, 2009

Mr Iain Douglas
Senior Planner
Planning Department
Mayo County Council
Áras an Chontae
The Mall
CASTLEBAR
County Mayo

Re: **Application to the Environmental Protection Agency for a Waste Licence, EPA Reference W0256-01**
Lennon Quarries Ltd., Glencastle, Bunnahowen, Ballina, County Mayo

Dear Mr Douglas,

I am writing on behalf of our client Lennon Quarries Ltd., Glencastle, Bunnahowen, Ballina, County Mayo, who applied to the Environmental Protection Agency (EPA) for a Waste Licence for the recovery of inert material on a site at Tallagh, Belmullet, County Mayo on 28 January 2009.

This office issued a Request (under Section 5 (1) of the Planning & Development Act, 2000) to Mayo County Council Planning Department, dated 19 May 2009, which requested a 'Declaration' from the Planning Department, on whether the development (proposed by EPA Waste Licence Application W0256-01) was or was not exempt from Planning Permission. The request also asked for confirmation as to whether an EIS would be required as part of the authorisation process for the facility.

The official response to the above request was issued by Mayo County Council Planning Section, dated 12 June 2009. The response concluded:

"Mayo County Council does not consider the works on the site are exempted development and therefore would require planning permission".

The response letter states that deposition of materials (as listed in the Waste Licence Application W0256-01) would constitute a material change of use of the land, by reference to Section 3(2)(b)(iii) of the Planning and Development Act 2000, by reason of the type of materials to be deposited. Section 3(2)(b)(iii) of the Planning and Development Act 2000 states (along with other information) that where land is used for the deposition of 'Builders' Waste', then the use of the land shall be taken as having materially changed (i.e. it is a 'Development which requires Planning Permission'). Therefore, by reason of the type of materials proposed to be deposited on the site by the Waste Licence Application (which included Builders Waste), the proposed facility would not be exempt from planning permission.

The letter goes on to state that the construction of a hardstand area and portocabin (as proposed by the Waste Licence Application W0256-01) would also require planning permission.

Finally, the Mayo County Council Response Letter states that if Planning Permission is submitted, that due to the sensitive location of the site (adjoining a cSAC), due to the size of the proposed facility, and due to the proposed time frame, that an EIS would be required as part of the Planning Application.

Lennon Quarries Ltd. have applied for a Waste Licence to the EPA for the site at Tallagh, Belmullet, Co. Mayo, to allow recovery of inert materials, rather than having to send them to landfill for disposal, whilst at the same time reclaiming the site for agricultural purposes. Lennon Quarries Ltd., if possible, do not wish to enter into an expensive and lengthy Planning Permission/EIS process to enable them to carry out their proposed plans. Therefore, Lennon Quarries Ltd. are now altering their Waste Licence Application to remove the proposals to accept the following waste types, which would classify as 'Builders Rubble':

EWC 17
Construction and Demolition Wastes: -

- EWC 17 01 01
  Concrete
- EWC 17 01 02
  Bricks
- EWC 17 01 03
  Tiles & Ceramics
- EWC 17 01 07
  Mixture of Concrete, Bricks, Tiles & Ceramics, other than those mentioned in 17 01 06
- EWC 17 09 04
  Mixed Construction & Demolition Wastes, other than those mentioned in 17 09 01, 17 09 02 & 17 09 03

The remaining waste types now proposed to be accepted at the 'Material Recovery Facility' under Waste Licence Application are W0256-01 are:

EWC 01
Waste Resulting from Exploration, Mining, Quarrying, and Physical & Chemical Treatment of Minerals: -

- EWC 01 04 09
  Waste Sand & Clay
- EWC 01 04 10
  Dusty & Powdery Wastes, other than those mentioned in 01 04 07
- EWC 01 04 12
  Tailings & Other Wastes from Washing & Cleaning of Minerals, other than those mentioned in 01 04 07 & 01 04 11

EWC 17
Construction and Demolition Wastes: -

- EWC 17 05 04
  Soil & Stones, other than those mentioned in 17 05 03
- EWC 17 05 06
  Dredging Spoil, other than those mentioned in 17 05 05

All of the above 'Waste Types' are uncontaminated natural inert materials (i.e. soil, stones, sand, natural dredging spoil, tailing, etc.).

TOBIN Consulting Engineers understand that by recovering only these natural materials at the site, that the proposed 'Material Recovery Facility' will be exempt from Planning Permission (under - *Planning and Development Regulations, 2001, Schedule 2, Part 3 - Exempted Development - Rural, Class 11 - Land Reclamation - "Development consisting of the carrying out, on land which is used only for the purpose of agriculture or forestry, of any of the following works" - .Sub-Class (b)- "Land Reclamation"*). TOBIN Consulting Engineers understand that if exempt from Planning Permission, the completion of an EIS would not be required.

TOBIN Consulting Engineers now request clarification from Mayo County Council Planning Department on the above, at your earliest convenience.

With regards to the proposed construction of a hardstand area and portocabin (as proposed by the Waste Licence Application W0256-01, January 2009), which Mayo County Council Planning Department have stated would also require planning permission; it is proposed that TOBIN will meet with the Mayo County Council Planner for the Belmullet area, to discuss options. The County Council Planning Department and the EPA will be fully briefed following this meeting, of any proposed changes to Waste Licence Application W0256-01, including revised Drawings, etc.

I look forward to hearing from you,

Yours sincerely,

Dr Emma Sweeney
Senior Environmental Scientist

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

APPENDIX E

THIS INDENTURE made the day of 2007 BETWEEN Erris Farm Services Co-Operative Society Limited (Comhar Iorrais Teoranta,) having it's registered office at Belmullet, County Mayo (hereinafter called "the Landlord" of the one part) having it's and Lennon Quarries Limited a limited liability company having it's registered office at Glencastle, Bunnahowen, Ballina, County Mayo (hereinafter called the Tenant) of the other part.

WITNESSETH as follows:-

The Landlord HEREBY DEMISES to the Tenant ALL THAT the property described in the First Schedule hereto TO HOLD the same unto the Tenant for the term or period of four years and six months which said term is agreed to have commenced on the 1st day of May 2006 YIELDING AND PAYING therefore during the said term the rent payable in the amount and in the manner set out in the second schedule hereto.

The Tenant HEREBY COVENANTS with the Landlord in the following terms:-

A. To pay the reserved rent on the days and in the manner set out herein.

B. To pay all existing and any future Local Authority charges, taxes, outgoings or impositions of every nature which shall be imposed upon or become payable in respect of the property during the term hereof.

C. To keep in good, substantial repair, order and condition all drains as currently exist on the property whether open or piped, all fences and boundary walls, gates and gate posts, stiles, bridges, culverts, water courses and roads as currently exist on the property.

D. To maintain all hedges and fences in stock proof condition and ensure that such boundaries are sufficiently maintained so as preclude any trespass to or from the property.

E. To scour and cleanse as necessary in the interests of good farm husbandry all wells, ponds, water courses, ditches and drains on at least one occasion each two years of the term hereby

created.

F. To yield up the property and all additions thereto in clean, good and substantial repair, order and condition at the expiration of the term hereof or on such earlier date in the event of sooner determination.

G. To use the demised property in strict compliance with the terms of the waste permit licence issued to the Tenant by Mayo County Council and the Tenant hereby covenants with the Landlord that he the Tenant shall ensure the utilization of the property in strict compliance with the permit issued by Mayo County Council under reference PER144 06/07/2005 and shall forthwith furnish all or any notices issued by the Local Authority in the event of any alleged breach of the licence permit conditions.

H. Not to commit or suffer any willful or voluntary waste, spoil or destruction of the farm or to do or suffer to be done thereon anything which may be or become a nuisance or annoyance to the owner or occupiers of adjoining lands save the Landlord acknowledges the Tenant's entitlement to carry out the Tenant's undertakings pursuant to and in compliance with the permit above referred to.

I. To obtain and furnish to the Landlords forthwith and prior to the execution of this agreement Public Liability and Employer's Liability Insurance in respect of the Tenant's undertakings on the said property with minimum cover of ten million Euro in respect of any one incident which policies shall include a formal indemnity in favour of the Landlord whereby the Landlord be indemnified in respect of any accident or incident in respect of which any third party shall sustain any injury or consequential financial loss.

J. To ensure the prevention of all or any encroachments on the farm by any third party and immediately inform the Landlord of any such encroachment, to further prevent the acquisition of any Right of Way public or private or any other easement over the farm or any part thereof by any such third party, to further use the Tenant's best endeavours to prevent any easement or

right belonging to or benefiting the farm being obstructed or lost in any manner whatsoever.

K. The Tenant shall not assign, sublet, part with or share the possession of the farm or any part thereof with any third party.

L. Provided always and it is hereby agreed and declared that in the event of the rent reserved or any part thereof or any sum which shall become due under this agreement being in arrears for a period of 21 days after becoming due (whether formally demanded or not) or if there be any breach or non-performance or non-observance by the Tenant of any of the terms, covenants, conditions and provisions herein contained or if the Tenant shall become bankrupt or make arrangements for composition with his creditors or shall suffer execution to be levied on the farm, then the Landlord shall be thereupon entitled to re-enter upon the farm or any part thereof in the name of the whole, as the Landlord shall choose whereupon the term hereof shall determine but without prejudice to any claim which the Landlord may have at law against the Tenant in respect of any breach by the Tenant of the covenants or conditions herein contained.

AND THE LANDLORD HEREBY COVENANTS WITH THE TENANT

A. That the Tenant paying the rent and performing and observing the covenants on the Tenant's part herein contained may peaceable hold the farm during the term hereof with out any disturbance by the Landlord or any person lawfully claiming under or in trust for the Landlord.

B. If the tenancy hereby created shall continue beyond the terms specified herein it shall in the absence of a new agreement be deemed to be a monthly tenancy commencing on the day following the expiration of the term specified herein subject to the payment of a monthly rent equivalent to $1/12^{th}$ of the rent payable immediately prior to such expiration and such monthly rent shall be payable in advance, the first payment thereof to be made on the date of commencement of such monthly tenancy which tenancy shall be determinable on one calendar months notice in writing being provided by either party expiring on a gale day.

C. Any notice or any document required to be given or served on either of the parties hereto under any of the provisions of this agreement and any document in any proceedings relating to this demise may be served on such party by sending it by pre-paid registered post addressed to it at it's address as set out in this agreement or to such other address as may be designated from time to time. Any such document or notice shall be deemed to have reached the entity to whom it was addressed in the usual course of post.

FIRST SCHEDULE

ALL THAT AND THOSE the property of the Landlord situate at Tallagh, Belmullet, County Mayo being the property more particularly described on the plan or drawing hereto attached thereon edged blue which lands are deemed to include the access road as shown on the said plan which is agreed to form part of the demise subject to the right of way reserved by the Landlords over the said access road to access the Landlord's retained property by such means and at such times as may be required by the Landlord.

SECOND SCHEDULE

Rent Payable

From the 1st May 2006 to the 30th April 2007.
The sum of €3000.00

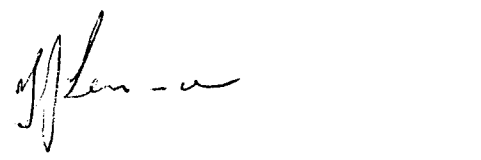
From the 1st May 2007 to the 30th April 2008 and for each succeeding year of the term the rent shall be the sum of €4000.00 per annum.

Rental payments shall be made bi-annually on the 1st May and 1st October each year during the term created.

IN WITNESS WHEREOF the parties hereto have hereunto set their hands and affixed their seals the day and year first herein written.

PRESENT WHEN THE SEAL OF ERRIS FARM SERVICES CO-OPERATIVE SOCIETY LIMITED (COMHAR IORRIS TEORANTA,) was affixed hereto:-

PRESENT WHEN THE SEAL OF LENNON QUARRIES LIMITED was affixed hereto:-



Dated the day of 2007

- TO-

DEED OF LEASE

MICHAEL MORAN & CO

SOLICITORS

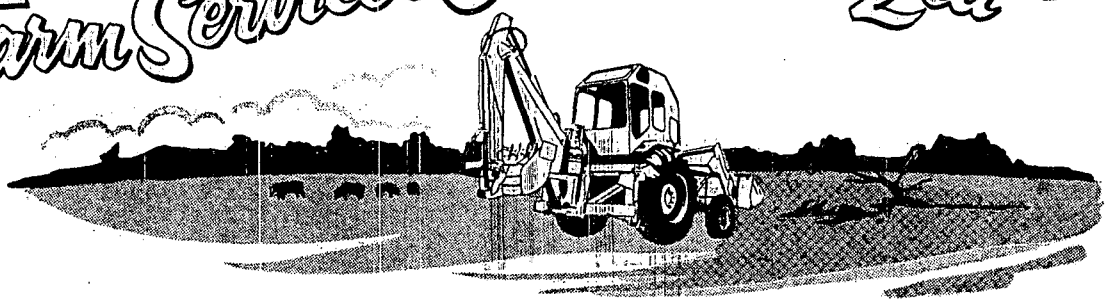
CASTLEBAR

Ref: PM/AA/LF4130

APPENDIX F

Comhar Iorrais Teoranta

Erris Farm Services Co-operative Society Ltd



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BELMULLET, CO. MAYO. Telephone: (097) 81109 & 81100. Telex: 33195.

YOUR REF:

OUR REF:

Administration Licensing Unit,

Office of Climate, Licensing and Resource Unit,

Environmental Protection Agency Headquarters,

P.O. Box 3000,

Johnstown Castle Estate,

Co. Wexford.

Re: Waste Licence Application W0256-01

Lennon Quarries Ltd., Glencastle, Bunnahowen, Ballina, Co. Mayo.

Dear Sir/Madam,

We 'Erris Farm Services Co-Op Society Ltd.' Chapel St. Belmullet Co. Mayo are sole owners of the 27.22ha site at Tallagh, Belmullet, Co. Mayo, which is subject to the application are on long term lease to the Waste Licence Applicant- 'Lennon Quarries Ltd.'

The existing ' Licence Agreement' was drawn up on the 1/5/06. This Lease Agreement expires next year on the 1/10/2010. Prior to the expiration of the Lease Agreement, we agree to draw up a new Lease Agreement With Lennon Quarries Ltd. for a period of-4 no. of years and 9 months. We understand that the proposed development for the site means that the site will be active for a minimum of 24 years (from date of grant of Waste Licence).

We 'Erris Farm Services Co-Op Society Ltd'. understand Lennon Quarries Ltd. proposals for the development of the land, as a 'Materials Recovery Facility'. We understand that there is presently an existing Waste Facility Permit (Mayo County Council Waste Permit PER 144) for the facility, which was issued on 30 January 2006 and which expires on the date the EPA either grant of refuse Waste Licence Application W0256-01.

We fully understand and accept that the existing Waste Permit allows for the acceptance of 24,900 Tonnes per annum of non-hazardous/inert material and it's recovery, by spreading the material over the site deposition area, to a depth of 1m. We understand that the pending Waste Licence Application proposes to continue to accept 24,900 Tonnes per annum of non-hazardous/inert material and it's recovery, be spreading the material over the site deposition area, to a depth of 2m.

We understand and fully believe that the 'continued acceptance of 24,900 Tonnes per annum of non-hazardous/inert material and it's recovery, be spreading the material over the site deposition area, (to a depth of 2m) will have a consequential benefit of improving the land for agricultural purposes.

At Present, the land in an area of drained 'Cut-Away Bog' which is of little use for agricultural purposes. By building up the land with a 2 m lift of non-hazardous/inert material, including an upper layer of sub-soils/top soils, the land will become useable agricultural land for grazing and/or tillage.

To conclude, we fully accept and support Lennon Quarries Ltd. pending EPA Waste Licence Application W0256-01 for our 27.22ha at Tallagh, Belmullet, Co. Mayo. We strongly believe that by granting the pending Waste Licence Application, the continued acceptance of 24,900 Tonnes per annum of non-hazardous/inert material and it's recovery, by spreding the maerial over the site deposition area (to a depth of 2m)will have a consequential benefit of improving the land for agricultural purposes.

Yours Sincerely

Name: Tim Quinn

Position: Manager

APPENDIX G

APPENDIX H

APPENDIX I

TOBIN
Patrick J. Tobin & Co. Ltd.

CONSULTING, CIVIL AND STRUCTURAL ENGINEERS
MARKET SQUARE, CASTLEBAR, COUNTY MAYO, IRELAND.
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CALCULATION SHEET	**SETTLEMENT POND 1**	**ref. no.** 2084
Project. Waste Licence Application - Lennon Quarries Ltd. - Tallagh, Belmullet, Co. Mayo		**sheet no.** 1 of 3
Element. Settlement Lagoon No. 1 Design		**date.** 16th June 2009

	Contributing Area to lagoon	33000.0m²
	total	33000.0m²
	STORMWATER RUNOFF ESTIMATION	
	QBAR = 0.00108 X (Area)$^{0.89}$ x (SAAR)$^{1.17}$ x (SOIL)$^{2.17}$	
	Area =	0.03300 km².
	SAAR =	1200.00 mm
	SOIL =	0.4
	QBAR =	0.028445m³/sec
		or
		28.44549l/s
		or
		5.68910l/s/ha
	Peak discharge rate	28.45l/s
	These are the discharge rates we must not exceed with the new development if we are to restrict future runoff to background rates	
	12 hrs of rainfall equates to (50 year return)	62.00 mm
	Lagoon	
1	Final Area of Site	33000.0m²
2	Runoff coefficient for developed site (worst-case assumed)	10.0%
3	Nett paved area contributing to flow	3300.0m²
	Combined Area contributing to flow	3300.0m²
3	Maximum 12 hr rainfall	0.06 m
	Maximum gross storage capacity required	204.60 m³.
4	Choose suitable background discharge, ensure quiescent conditions	3.50l/s
5	Total background runoff in 12 hrs	151.20 m³.
6	Nett Storage required (6-8)	53.40 m³.
7	Gross storage required	53.40 m³.
9	Maximum storage volume required	53.40 m³.
	Say	**75.00 m³.**
	Summary:	
	A 75m³ surface water lagoon, with runoff restricted to 3.5l/s satisfies the hydraulic requirement for a 1 in 50 year storm to be retained and settled	

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CALCULATION SHEET **SETTLEMENT POND 1**	**ref. no.** 2084
Project. Waste Licence Application - Lennon Quarries Ltd. - Tallagh, Belmullet, Co. Mayo	**sheet no.** 2 of 3
Element. Surface Water Lagoon Design	**date.** 16th June 2009

Ciria B14 Design of Flood Storage Reservoirs — New Lagoon

Length of proposed surface water lagoon	15.0 m
Width of proposed Lagoon	5.0 m
Wetted perimeter at top	40.0 m
Wetted perimeter at bottom	28.0 m
Average wetted perimeter	34.0 m
Maximum depth	1.0 m
Volume of Lagoon	**75.00 m³.**

MEAN HYDRAULIC RESIDENCE TIME

$t_r = {}^{Vol}/_{Q}$

Vol =	75.00 m³.	m^3	= Volume of SWL
Q=	0.0035	m^3/sec	= Stormwater Runoff Estimate
t_r =	21428.571	secs	
	5.952381	hours	= Retention Time in Pond

TRAP EFFICIENCY

$N = V_s.{}^{TR}/_{dl}$

T_r =	21428.57143	secs	= Residence Time
d_L =	1	m	= Flowing Layer Mean Depth
Vol =	75.00 m³.	m3	= Volume of Surface Water Lagoon
L =	15.0 m	m	= Length of SWL
V =	0.0007	m/s	= Mean Through-Flow Velocity
d=	0.006	mm	= Particle Diameter
Vs =	0.043713019	mm/sec	= Settling Velocity
Vs =	4.3713E-05	m/sec	
N =	0.936707549		= Trap Efficiency

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CALCULATION SHEET **SETTLEMENT POND 1**	**ref. no.** 2084
Project. Waste Licence Application - Lennon Quarries Ltd. - Tallagh, Belmullet, Co. Mayo	**sheet no.** 3 of 3
Element. Surface Water Lagoon Design	**date.** 16th June 2009

TRAP EFFICIENCY

$$N = V_s \cdot {}^{TR}/_{dl}$$

T_r =	21428.57143	secs	= Residence Time
d_L =	1	m	= Flowing Layer Mean Depth
Vol =	75	m3	= Volume of Surface Water Lagoon
L =	15	m	= Length of SWL
V =	0.0007	m/s	= Mean Through-Flow Velocity
d=	0.006	mm	= Particle Diameter
Vs =	0.043713019	mm/sec	= Settling Velocity
Vs =	4.3713E-05	m/sec	
N =	0.936707549		= Trap Efficiency

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CALCULATION SHEET	**SETTLEMENT POND 2**	**ref. no.** 2084
Project. Waste Licence Application - Lennon Quarries Ltd. - Tallagh, Belmullet, Co. Mayo		**sheet no.** 1 of 3
Element. Settlement Lagoon No. 2 Design		**date.** 16th June 2009

	Contributing Area to lagoon	112500.0m²
	total	112500.0m²
	STORMWATER RUNOFF ESTIMATION	
	QBAR = 0.00108 X (Area)$^{0.89}$ x (SAAR)$^{1.17}$ x (SOIL)$^{2.17}$	
	Area =	0.11250 km².
	SAAR =	1200.00 mm
	SOIL =	0.4
	QBAR =	0.084735m³/sec
		or
		84.73479l/s
		or
		16.94696l/s/ha
	Peak discharge rate	84.73l/s
	These are the discharge rates we must not exceed with the new development if we are to restrict future runoff to background rates	
	12 hrs of rainfall equates to (50 year return)	62.00 mm
	Lagoon	
1	Final Area of Site	112500.0m²
2	Runoff coefficient for developed site (worst-case assumed)	10.0%
3	Nett paved area contributing to flow	11250.0m²
	Combined Area contributing to flow	11250.0m²
3	Maximum 12 hr rainfall	0.06 m
	Maximum gross storage capacity required	697.50 m³.
4	Choose suitable background discharge, ensure quiescent conditions	11.00l/s
5	Total background runoff in 12 hrs	475.20 m³.
6	Nett Storage required (6-8)	222.30 m³.
7	Gross storage required	222.30 m³.
9	Maximum storage volume required	222.30 m³.
	Say	**240.00 m³.**
	Summary:	
	A 240m³ surface water lagoon, with runoff restricted to 11l/s satisfies the hydraulic requirement for a 1 in 50 year storm to be retained and settled	

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CALCULATION SHEET	SETTLEMENT POND 2	ref. no. 2084
Project. Waste Licence Application - Lennon Quarries Ltd. - Tallagh, Belmullet, Co. Mayo		**sheet no.** 2 of 3
Element. Surface Water Lagoon Design		**date.** 16th June 2009

Ciria B14 Design of Flood Storage Reservoirs — New Lagoon

Length of proposed surface water lagoon	24.0 m
Width of proposed Lagoon	10.0 m
Wetted perimeter at top	68.0 m
Wetted perimeter at bottom	47.6 m
Average wetted perimeter	57.8 m
Maximum depth	1.0 m
Volume of Lagoon	**240.00 m³.**

MEAN HYDRAULIC RESIDENCE TIME

$t_r = {}^{Vol}/_{Q}$

Vol =	240.00 m³. m^3	= Volume of SWL
Q=	0.011 m^3/sec	= Stormwater Runoff Estimate
t_r =	21818.182 secs	
	6.0606061 hours	= Retention Time in Pond

TRAP EFFICIENCY

$N = V_s . {}^{TR}/_{dl}$

T_r =	21818.18182 secs	= Residence Time
d_L =	1 m	= Flowing Layer Mean Depth
Vol =	240.00 m³. m3	= Volume of Surface Water Lagoon
L =	24.0 m m	= Length of SWL
V =	0.0011 m/s	= Mean Through-Flow Velocity
d=	0.006 mm	= Particle Diameter
Vs =	0.043713019 mm/sec	= Settling Velocity
Vs =	4.3713E-05 m/sec	
N =	0.953738595	= Trap Efficiency

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CALCULATION SHEET **SETTLEMENT POND 2**	**ref. no.** 2084
Project. Waste Licence Application - Lennon Quarries Ltd. - Tallagh, Belmullet, Co. Mayo	**sheet no.** 3 of 3
Element. Surface Water Lagoon Design	**date.** 16th June 2009

TRAP EFFICIENCY

$$N = V_s \cdot {}^{TR}/_{dl}$$

T_r =	21818.18182	secs	= Residence Time
d_L =	1	m	= Flowing Layer Mean Depth
Vol =	240	m3	= Volume of Surface Water Lagoon
L =	24	m	= Length of SWL
V =	0.0011	m/s	= Mean Through-Flow Velocity
d=	0.006	mm	= Particle Diameter
Vs =	0.043713019	mm/sec	= Settling Velocity
Vs =	4.3713E-05	m/sec	
N =	0.953738595		= Trap Efficiency

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CALCULATION SHEET	**SETTLEMENT POND 3**	**ref. no.** 2084
Project. Waste Licence Application - Lennon Quarries Ltd. - Tallagh, Belmullet, Co. Mayo		**sheet no.** 1 of 3
Element. Settlement Lagoon No. 3 Design		**date.** 16th June 2009

	Contributing Area to lagoon	61000.0m²
	total	61000.0m²
	STORMWATER RUNOFF ESTIMATION	
	QBAR = 0.00108 X (Area)$^{0.89}$ x (SAAR)$^{1.17}$ x (SOIL)$^{2.17}$	
	Area =	0.06100 km².
	SAAR =	1200.00 mm
	SOIL =	0.4
	QBAR =	0.049145m³/sec
		or
		49.14502l/s
		or
		9.82900l/s/ha
	Peak discharge rate	49.15l/s
	These are the discharge rates we must not exceed with the new development if we are to restrict future runoff to background rates	
	12 hrs of rainfall equates to (50 year return)	62.00 mm
	Lagoon	
1	Final Area of Site	61000.0m²
2	Runoff coefficient for developed site (worst-case assumed)	10.0%
3	Nett paved area contributing to flow	6100.0m²
	Combined Area contributing to flow	6100.0m²
3	Maximum 12 hr rainfall	0.06 m
	Maximum gross storage capacity required	378.20 m³.
4	Choose suitable background discharge, ensure quiescent conditions	6.00l/s
5	Total background runoff in 12 hrs	259.20 m³.
6	Nett Storage required (6-8)	119.00 m³.
7	Gross storage required	119.00 m³.
9	Maximum storage volume required	119.00 m³.
	Say	**130.00 m³.**
	Summary:	
	A 130m³ surface water lagoon, with runoff restricted to 6l/s satisfies the hydraulic requirement for a 1 in 50 year storm to be retained and settled	

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CALCULATION SHEET	SETTLEMENT POND 3	ref. no. 2084
Project. Waste Licence Application - Lennon Quarries Ltd. - Tallagh, Belmullet, Co. Mayo		**sheet no.** 2 of 3
Element. Surface Water Lagoon Design		**date.** 16th June 2009

Ciria B14 Design of Flood Storage Reservoirs — New Lagoon

Length of proposed surface water lagoon	20.0 m
Width of proposed Lagoon	6.5 m
Wetted perimeter at top	53.0 m
Wetted perimeter at bottom	37.1 m
Average wetted perimeter	45.1 m
Maximum depth	1.0 m
Volume of Lagoon	**130.00 m³.**

MEAN HYDRAULIC RESIDENCE TIME

$t_r = {}^{Vol}/_{Q}$

Vol =	130.00 m³.	m^3	= Volume of SWL
Q=	0.006	m^3/sec	= Stormwater Runoff Estimate
t_r =	21666.667	secs	
	6.0185185	hours	= Retention Time in Pond

TRAP EFFICIENCY

$N = V_s . {}^{TR}/_{dl}$

T_r =	21666.66667	secs	= Residence Time
d_L =	1	m	= Flowing Layer Mean Depth
Vol =	130.00 m³.	m3	= Volume of Surface Water Lagoon
L =	20.0 m	m	= Length of SWL
V =	0.000923077	m/s	= Mean Through-Flow Velocity
d=	0.006	mm	= Particle Diameter
Vs =	0.043713019	mm/sec	= Settling Velocity
Vs =	4.3713E-05	m/sec	
N =	0.947115411		= Trap Efficiency

TOBIN
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CALCULATION SHEET **SETTLEMENT POND 3**	**ref. no.** 2084
Project. Waste Licence Application - Lennon Quarries Ltd. - Tallagh, Belmullet, Co. Mayo	**sheet no.** 3 of 3
Element. Surface Water Lagoon Design	**date.** 16th June 2009

TRAP EFFICIENCY

$$N = V_s \cdot {}^{TR}/_{dl}$$

T_r =	21666.66667	secs	= Residence Time
d_L =	1	m	= Flowing Layer Mean Depth
Vol =	130	m3	= Volume of Surface Water Lagoon
L =	20	m	= Length of SWL
V =	0.000923077	m/s	= Mean Through-Flow Velocity
d=	0.006	mm	= Particle Diameter
Vs =	0.043713019	mm/sec	= Settling Velocity
Vs =	4.3713E-05	m/sec	
N =	0.947115411		= Trap Efficiency

TOBIN
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CALCULATION SHEET	**SETTLEMENT POND 4**	**ref. no.** 2084
Project. Waste Licence Application - Lennon Quarries Ltd. - Tallagh, Belmullet, Co. Mayo		**sheet no.** 1 of 3
Element. Settlement Lagoon No. 4 Design		**date.** 16th June 2009

	Contributing Area to lagoon	18000.0m²
	total	18000.0m²
	STORMWATER RUNOFF ESTIMATION	
	QBAR = 0.00108 X (Area)$^{0.89}$ x (SAAR)$^{1.17}$ x (SOIL)$^{2.17}$	
	Area =	0.01800 km².
	SAAR =	1200.00 mm
	SOIL =	0.4
	QBAR =	0.016585m³/sec
		or
		16.58550l/s
		or
		3.31710l/s/ha
	Peak discharge rate	16.59l/s
	These are the discharge rates we must not exceed with the new development if we are to restrict future runoff to background rates	
	12 hrs of rainfall equates to (50 year return)	62.00 mm
	Lagoon	
1	Final Area of Site	18000.0m²
2	Runoff coefficient for developed site (worst-case assumed)	10.0%
3	Nett paved area contributing to flow	1800.0m²
	Combined Area contributing to flow	1800.0m²
3	Maximum 12 hr rainfall	0.06 m
	Maximum gross storage capacity required	111.60 m³.
4	Choose suitable background discharge, ensure quiescent conditions	2.50l/s
5	Total background runoff in 12 hrs	108.00 m³.
6	Nett Storage required (6-8)	3.60 m³.
7	Gross storage required	3.60 m³.
9	Maximum storage volume required	3.60 m³.
	Say	**55.00 m³.**
	Summary:	
	A 55m³ surface water lagoon, with runoff restricted to 2.5l/s satisfies the hydraulic requirement for a 1 in 50 year storm to be retained and settled	

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CALCULATION SHEET	SETTLEMENT POND 4	ref. no. 2084
Project. Waste Licence Application - Lennon Quarries Ltd. - Tallagh, Belmullet, Co. Mayo		**sheet no.** 2 of 3
Element. Surface Water Lagoon Design		**date.** 16th June 2009

Ciria B14 Design of Flood Storage Reservoirs — New Lagoon

Length of proposed surface water lagoon	11.0 m
Width of proposed Lagoon	5.0 m
Wetted perimeter at top	32.0 m
Wetted perimeter at bottom	22.4 m
Average wetted perimeter	27.2 m
Maximum depth	1.0 m
Volume of Lagoon	**55.00 m³.**

MEAN HYDRAULIC RESIDENCE TIME

$t_r = {}^{Vol}/_{Q}$

Vol =	55.00 m³. m^3	= Volume of SWL
Q=	0.0025 m^3/sec	= Stormwater Runoff Estimate
t_r =	22000 secs	
	6.1111111 hours	= Retention Time in Pond

TRAP EFFICIENCY

$N = V_s \cdot {}^{TR}/_{dl}$

T_r =	22000 secs	= Residence Time
d_L =	1 m	= Flowing Layer Mean Depth
Vol =	55.00 m³. m3	= Volume of Surface Water Lagoon
L =	11.0 m m	= Length of SWL
V =	0.0005 m/s	= Mean Through-Flow Velocity
d=	0.006 mm	= Particle Diameter
Vs =	0.043713019 mm/sec	= Settling Velocity
Vs =	4.3713E-05 m/sec	
N =	0.961686417	= Trap Efficiency

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CALCULATION SHEET **SETTLEMENT POND 4**	**ref. no.** 2084
Project. Waste Licence Application - Lennon Quarries Ltd. - Tallagh, Belmullet, Co. Mayo	**sheet no.** 3 of 3
Element. Surface Water Lagoon Design	**date.** 16th June 2009

TRAP EFFICIENCY

$$N = V_s \cdot {}^{TR}/_{dl}$$

T_r =	22000	secs	= Residence Time
d_L =	1	m	= Flowing Layer Mean Depth
Vol =	55	m3	= Volume of Surface Water Lagoon
L =	11	m	= Length of SWL
V =	0.0005	m/s	= Mean Through-Flow Velocity
d=	0.006	mm	= Particle Diameter
Vs =	0.043713019	mm/sec	= Settling Velocity
Vs =	4.3713E-05	m/sec	
N =	0.961686417		= Trap Efficiency

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CALCULATION SHEET	**SETTLEMENT POND 5**	**ref. no.** 2084
Project. Waste Licence Application - Lennon Quarries Ltd. - Tallagh, Belmullet, Co. Mayo		**sheet no.** 1 of 3
Element. Settlement Lagoon No. 5 Design		**date.** 16th June 2009

	Contributing Area to lagoon	2300.0m²
	total	2300.0m²

STORMWATER RUNOFF ESTIMATION

QBAR = 0.00108 X (Area)$^{0.89}$ x (SAAR)$^{1.17}$ x (SOIL)$^{2.17}$

Area =	0.00230 km².
SAAR =	1200.00 mm
SOIL =	0.4
QBAR =	0.002658m³/sec
	or
	2.65750l/s
	or
	0.53150l/s/ha
Peak discharge rate	2.66l/s

These are the discharge rates we must not exceed with the new development if we are to restrict future runoff to background rates

	12 hrs of rainfall equates to (50 year return)	62.00 mm
	Lagoon	
1	Final Area of Site	2300.0m²
2	Runoff coefficient for developed site (worst-case assumed)	10.0%
3	Nett paved area contributing to flow	230.0m²
	Combined Area contributing to flow	230.0m²
3	Maximum 12 hr rainfall	0.06 m
	Maximum gross storage capacity required	14.26 m³.
4	Choose suitable background discharge, ensure quiescent conditions	2.50l/s
5	Total background runoff in 12 hrs	108.00 m³.
6	Nett Storage required (6-8)	-93.74 m³.
7	Gross storage required	discharge exceeds storage
9	Maximum storage volume required	not critical
	Say	**55.00 m³.**
	Summary:	

A 55m³ surface water lagoon, with runoff restricted to 2.5l/s satisfies the hydraulic requirement for a 1 in 50 year storm to be retained and settled

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CALCULATION SHEET	SETTLEMENT POND 5	ref. no. 2084
Project. Waste Licence Application - Lennon Quarries Ltd. - Tallagh, Belmullet, Co. Mayo		**sheet no.** 2 of 3
Element. Surface Water Lagoon Design		**date.** 16th June 2009

Ciria B14 Design of Flood Storage Reservoirs — New Lagoon

Length of proposed surface water lagoon	11.0 m
Width of proposed Lagoon	5.0 m
Wetted perimeter at top	32.0 m
Wetted perimeter at bottom	22.4 m
Average wetted perimeter	27.2 m
Maximum depth	1.0 m
Volume of Lagoon	**55.00 m³.**

MEAN HYDRAULIC RESIDENCE TIME

$t_r = {}^{Vol}/_{Q}$

Vol =	55.00 m³. m^3	= Volume of SWL
Q=	0.0025 m^3/sec	= Stormwater Runoff Estimate
t_r =	22000 secs	
	6.1111111 hours	= Retention Time in Pond

TRAP EFFICIENCY

$N = V_s.{}^{TR}/_{dl}$

T_r =	22000 secs	= Residence Time
d_L =	1 m	= Flowing Layer Mean Depth
Vol =	55.00 m³. m3	= Volume of Surface Water Lagoon
L =	11.0 m m	= Length of SWL
V =	0.0005 m/s	= Mean Through-Flow Velocity
d=	0.006 mm	= Particle Diameter
Vs =	0.043713019 mm/sec	= Settling Velocity
Vs =	4.3713E-05 m/sec	
N =	0.961686417	= Trap Efficiency

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CALCULATION SHEET **SETTLEMENT POND 5**	**ref. no.** 2084
Project. Waste Licence Application - Lennon Quarries Ltd. - Tallagh, Belmullet, Co. Mayo	**sheet no.** 3 of 3
Element. Surface Water Lagoon Design	**date.** 16th June 2009

TRAP EFFICIENCY

$$N = V_s \cdot {}^{TR}/_{dl}$$

T_r =	22000	secs	= Residence Time
d_L =	1	m	= Flowing Layer Mean Depth
Vol =	55	m3	= Volume of Surface Water Lagoon
L =	11	m	= Length of SWL
V =	0.0005	m/s	= Mean Through-Flow Velocity
d=	0.006	mm	= Particle Diameter
Vs =	0.043713019	mm/sec	= Settling Velocity
Vs =	4.3713E-05	m/sec	
N =	0.961686417		= Trap Efficiency

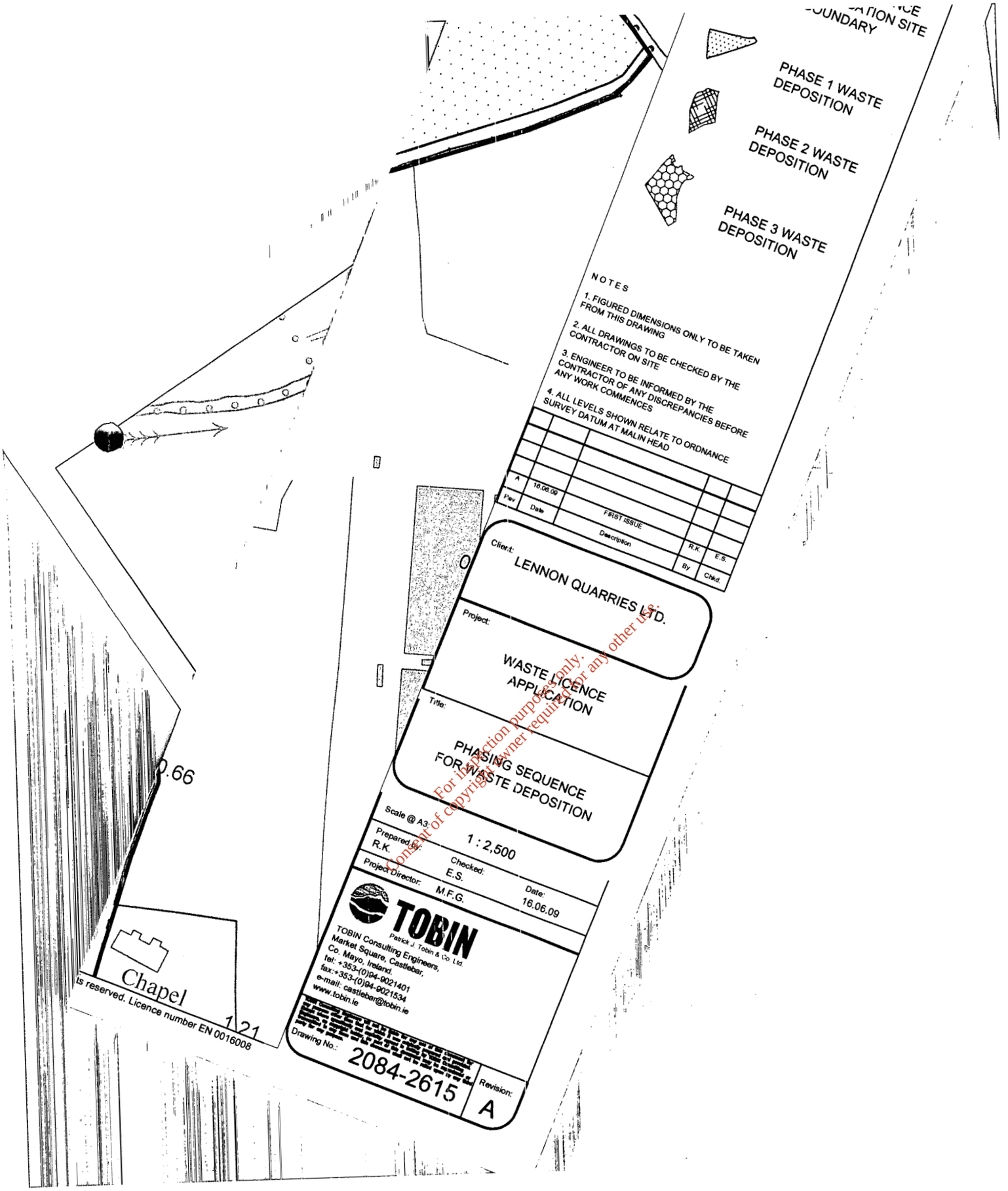
APPENDIX J

Table I.2(i) SURFACE WATER QUALITY

(Sheet 1 of 2) Monitoring Point/ Grid Reference: **SW-3 - (E470263.519 N835956.711)**

Parameter	Results (mg/l)				Sampling method[2] (grab, drift etc.)	Normal Analytical Range[2]	Analysis method / technique
	Date 08/12/08	Date	Date	Date			
pH	6.1	-	-	-	Grab	-	-
Temperature	-	-	-	-	Grab	-	-
Electrical conductivity EC	327 uS/cm	-	-	-	Grab	-	-
Ammoniacal nitrogen NH_4-N	0.064 mg/l	-	-	-	Grab	-	-
Chemical oxygen demand	26 mg/l	-	-	-	Grab	-	-
Biochemical oxygen demand	<1 mg/l	-	-	-	Grab	-	-
Dissolved oxygen DO	-	-	-	-	Grab	-	-
Calcium Ca	5 mg/l	-	-	-	Grab	-	-
Cadmium Cd	<0.5 mg/l	-	-	-	Grab	-	-
Chromium Cr	< 0.5 mg/l	-	-	-	Grab	-	-
Chloride Cl	79.14 mg/l	-	-	-	Grab	-	-
Copper Cu	36 ug/l	-	-	-	Grab	-	-
Iron Fe	590 ug/l	-	-	-	Grab	-	-
Lead Pb	<0.5 ug/l	-	-	-	Grab	-	-
Magnesium Mg	6 mg/l	-	-	-	Grab	-	-
Manganese Mn	77 ug/l	-	-	-	Grab	-	-
Mercury Hg	<0.05 ug/l	-	-	-	Grab	-	-

APPENDIX K



APPENDIX L

Received From Lennons 3/4/09

CONNAUGHT

Connaught Waste

Waste Management (Collection Permit) Regulations S.I.No. 820 of 2007 as amended by the Waste Management (Collection Permit) (Amendment) Regulations S.I.No. 87 of 2008

WASTE COLLECTION PERMIT

Permit Register Reference Number WCP-MO-09-0276-01

Mayo County Council being a nominated authority under Section 34(1)(aa) of the Waste Management Acts, 1996 to 2008, has by Managers Order Ref. No. S/E. 47/2009 granted a waste collection permit to:

Lennon Quarries Ltd., hereinafter called the permit holder

of

Glencastle, Bunnahowen, Ballina, Co. Mayo.

The permit holder is authorised by this permit to collect specified waste type(s) using vehicle(s) specified in the following local authority areas:

Galway County Council
Galway City Council
Mayo County Council
Leitrim County Council
Roscommon County Council
Sligo County Council

Subject to the attached schedule of conditions:

Mayo County Council may at any time review, and subsequently amend the conditions of, or revoke this permit.

Signed: _____

SENIOR EXECUTIVE OFFICER

Date: [redacted]

CONDITIONS

SCOPE OF PERMIT

1.1 This collection permit is for the purpose of waste collection authorisation under the Waste Management (Collection Permit) Regulations S.I No 820 of 2007 as amended by the Waste Management (Collection Permit) (Amendment) Regulations S.I No.87 of 2008 only, and nothing in this permit shall be construed as negating the permit holders statutory obligations or requirements under any other enactments or regulations.

1.2 This waste collection permit is granted to **Lennon Quarries Ltd., Glancastle, Bunnahowen, Ballina, Co. Mayo** for the waste types listed and described in Appendix A of this permit.

1.3 The permit holder, specified in condition 1.2, may collect waste in the following local authority areas in the Connaught Region:

- Galway County Council
- Galway City Council
- Mayo County Council
- Leitrim County Council
- Roscommon County Council
- Sligo County Council

1.4 The permit holder shall only collect such wastes as have been notified in writing to Mayo County Council and subsequently agreed, which are listed in Appendix A to this permit or such later revision of the said appendix as Mayo County Council may issue

1.5 The permit holder shall notify Mayo County Council in writing of any proposed changes in the information furnished and shall obtain written approval from Mayo County Council prior to these changes occurring.

1.6 Any proposed changes in the activity shall be submitted in writing to Mayo County Council for agreement prior to that change taking effect. Should the submission identify a material or significant change in;

(i) The nature, extent or focus of the waste activities;
(ii) The nature or extent of any emission;

A waste collection permit review application may be required before any proposed change can be assessed.

1.7 Any non-conformance with the conditions of this permit is an offence under the Waste Management (Collection Permit) Regulations S.I No 820 of 2007 as amended by the Waste Management (Collection Permit) (Amendment) Regulations S.I No.87 of 2008.

1.8 This permit is non-transferable.

1.9 Where Mayo County Council considers that a non-compliance with the conditions of this permit has occurred, it may serve notice on the Permit Holder.

1.10 The specified retention period for all records referred to herein shall be deemed as seven years unless otherwise notified by Mayo County Council.

2. MANAGEMENT OF THE WASTE COLLECTION ACTIVITY

2.1 The permit holder shall ensure that where waste collected under this permit is transferred to a facility for the purpose of a recovery or disposal activity in respect of which section 39(1) of the Act applies-
(i) There is in force a waste licence, or a waste facility, permit or a certificate of registration, or IPPC licence in relation to the carrying on of the activity concerned at that facility;
(ii) That planning permission, or a certificate of exemption from such permission, is in place for such a facility
and/or

2.2 The permit holder shall ensure that where biowaste collected under this permit is transferred to a composting or biogas facility for the purpose of treatment and where animal by-products form all or part of that biowaste that;
(i) The facility has been approved in writing by the nominated authority for use by the permit holder;
(ii) That there is in force an appropriate veterinary authorisation issued by the Minister for Agriculture and Food in accordance with article 10 (6) of the European Communities (Transmissible Spongiform Encephalopathies and Animal By-products) Regulations, 2006 S.I. No. 612 of 2006.

2.3 The permit holder may not transfer waste to a facility under Condition 2.1 where that said facility is awaiting a decision in relation to any of the authorisations identified in 2.1.

2.4 The permit holder shall not transfer waste to a facility at which an IPPC Licence, Waste Licence, Waste Facility Permit, or a Certificate of Registration has been revoked.

2.5 The permit holder shall only transfer waste to the facilities that have been notified in writing to Mayo County Council and subsequently agreed in writing and which are listed in Appendix C to this permit or such later revision of the said appendix as Mayo County Council may issue and to no other facilities whatsoever.

2.6 Where the permit holder proposes to transfer waste to facilities other than those which were previously agreed with Mayo County Council, the permit holder shall, a minimum of ten working days prior to use of these facilities, submit the following details in writing for the written agreement of Mayo County Council.

(i) Origin of waste material.
(ii) Description of waste including European Waste Catalogue (EWC) code.
(iii) Location, ownership details, and contact number of the facility.
(iv) Waste permit or license details of the facility.
(v) Written confirmation from the operator of the facility that the said waste will be accepted there.

2.7 The permit holder shall carry or cause to be carried a copy of this permit at all times on each vehicle which is used for the purposes of the activity to which the permit relates.

2.8 The permit holder shall take steps to ensure that all, or a specified proportion of waste collected by the permit holder, or of any class or classes of such waste, is segregated, treated or recovered, in such manner as may be specified by Mayo County Council

2.9 Where any local authority has made byelaws under section 35 of the Act the permit holder shall not collect waste in the functional area of the said local authority unless it has been presented in accordance with the requirements of the said bye laws.

2.10 Where household, commercial or industrial waste has been segregated and presented for collection in accordance with a bye-law referred to in condition 2.8 or by Regulation, or by any requirement of the Connaught Regional Waste Management Plan or a condition of this permit, the permit holder, when collecting the recyclable fraction of the waste, shall ensure that this fraction is separately collected in its entirety, and not subsequently contaminated and transferred to a suitable recovery facility in accordance with the said Bye-law, Regulation or Plan or the permit. Similarly the permit holder shall ensure that segregated biodegradable waste presented for separate collection shall be collected separately and not subsequently contaminated and shall be transferred to a suitable biodegradable waste treatment facility approved in writing by Mayo County Council.

Where the permit holder collects waste from a packaging waste producer, the following waste types shall be separately collected from all other waste types and not subsequently contaminated:

(i) Aluminium packaging
(ii) Fibreboard packaging
(iii) Glass packaging
(iv) Paper packaging
(v) Plastic packaging
(vi) Steel packaging
(vii) Wood packaging

2.11 Mayo County Council may specify that all, or a specified proportion, of waste collected by the permit holder, or class or classes of such waste, is source-segregated, treated or recovered, in such manner as may be specified. In particular that waste is –

(i) Where practicable and having regard to the waste hierarchy, delivered to facilities which reuse, recycle or recover waste.

(ii) Presented, collected, handled and transported in a form which enables the facilities to which the waste is delivered to comply with specific conditions contained in, as the case may be, the waste licence, IPPC licence, waste facility permit or certificate of registration in relation to performance targets established for the levels of recycling or recovery of waste.

2.12 Waste which has been source segregated and presented for recovery by the producer shall not be sent for disposal or collected, transported, mixed or handled nor subsequently contaminated, so as to make it less suitable for recycling or recovery by the permit holder or facility operator.

2.13 The permit holder shall provide segregated collection arrangements for household waste, at a frequency as may be specified by the nominated authority, for different types of recyclable, biodegradable, compostable or recoverable materials where the nominated authority considers it practicable to do so.

2.15 The permit holder shall provide waste recycling receptacles, which are designed for reuse, for segregated collections for different types of recyclable, compostable or recoverable materials of such form, colour and capacity as may be specified by the nominated authority.

2.16 The permit holder shall identify all hazards associated with the waste being collected, and shall be familiar with best practice regarding its safe movement and handling and shall adopt all necessary, reasonable and practicable safety measures accordingly.

2.17 The permit holder shall have in place a documented Emergency Response Procedure (ERP) and employee training, which shall address any emergency incident that may arise. This procedure and employee training shall include for an emergency response unit, replacement vehicles, clean-up equipment, etc. in order to minimise the effects of the emergency on the environment. The permit holder shall maintain a copy of the ERP at the principle place of business of the permit holder.

2.18 The permit holder shall ensure that all operatives employed in the waste collection activity are familiar with the conditions of this permit and the ERP.

2.19 The permit holder shall clean up immediately any spillage of waste, which occurs in the course of the collection operation, in a manner, which will not cause environmental pollution. The permit holder shall carry an emergency spillage kit on each vehicle listed in appendix C, at all times, to deal with minor spillages.

2.20 The permit holder shall not cause environmental pollution during the course of the waste collection activity to which this permit relates.

2.21 The permit holder shall acquaint all staff, employees, owner-drivers and contract personnel of the provisions of this permit.

2.22 The permit holder shall establish corrective action procedures, which shall be followed in the event of any condition of this permit is not complied with.

2.23 Where the permit holder is authorised to collect the following waste types according to condition 1.2 these shall be collected separately from all other waste types:

(i) Paper and Cardboard
(ii) Aluminium cans
(iii) Steel cans
(iv) Beverage cans

2.24 The permit holder shall not mix the waste types listed in condition 2.23 above with any other waste types prior to or during collection.

2.25 The waste types listed in condition 2.23 above shall be delivered to an authorised waste recovery facility or waste transfer station, which had the capability to recover the waste types. If there are no such facilities listed in condition 2.7 of this permit, the permit holder shall:

(i) Not collect the waste types listed in condition 2.23
(ii) Obtain written agreement from Mayo County Council to deliver waste to an additional authorised waste facility which satisfies the requirements of this condition in accordance with condition 2.7 of the permit

2.26 Within 6 months of the date of grant of this permit the permit holder shall develop procedures for the following:

(i) Waste inspection procedures
(ii) Waste acceptance and handling procedures

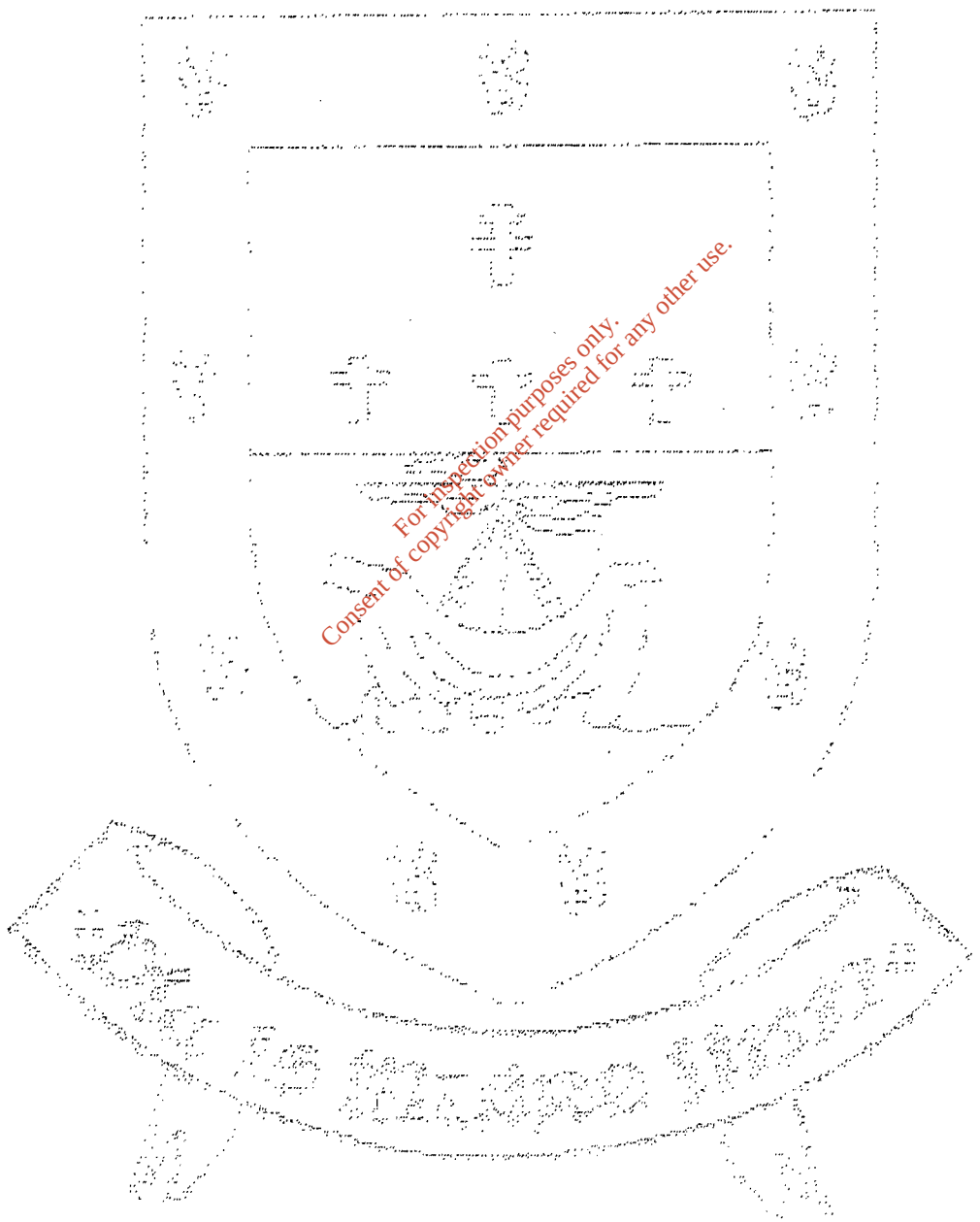
(iii) Waste sampling, analysis and characterisation procedures

(iv) Requirements for the pre-treatment of wastes

(v) Waste quarantine procedures

(vi) Waste rejection and notification procedures

(vii) Other appropriate procedures and arrangements relating to the acceptance of waste



3. VEHICLES, SKIPS AND RECEPTACLES

3.1 The permit holder shall only use the vehicles as have been notified in writing to Mayo County Council and subsequently agreed, and which are listed in Appendix B to this permit or such later revision of the said appendix as Mayo County Council may issue for the purposes of the activity to which this permit relates.

3.2 The permit holder shall notify Mayo County Council in advance of the type and identifying mark of any collection vehicle to be owned or hired and used for the collection of waste under the terms of the permit, including particulars of the relevant vehicle registration document.

3.3 The permit holder shall notify Mayo County Council of the type and identifying mark of any collection vehicle which is being hired in on a temporary basis from a third party by the permit holder and used for the collection of waste under the terms of the permit, within one working day of the addition of such a vehicle, including particulars of the relevant vehicle registration document.

3.4 All vehicles used by the permit holder for the purposes of the activity to which this permit relates, shall be fit for purpose and maintained in accordance with the manufacturers' recommendations.

3.5 Each skip, tanker, trailer or container used for the purposes of the activity to which this permit relates shall be marked on at least two sides with the following information in clearly legible indelible lettering which is clearly visible

(i) Name of the permit holder;
(ii) Telephone number of the permit holder;
(iii) A unique identification number for the skip, tanker, trailer or container.

3.6 All vehicles used for purposes of the activity to which this permit relates shall be washed down as required in an appropriate manner and at an appropriate facility so as not to result in environmental pollution.

3.7 The permit holder shall ensure that all trailers, containers and skips used for waste collection of waste to be visibly, legibly and indelibly identified with the waste collection permit number.

3.8 The permit holder when using a skip for the purposes of the activity to which this permit relates shall provide the hirer, with a written agreement detailing:

(i) That the hirer shall not allow the placement of hazardous waste in the skip and shall advise his customers accordingly

(ii) The types of wastes, which may be placed in the skip as listed in appendix A to this permit.

3.9 No skip, tanker, trailer or container used for the purposes of the activity to which this permit relates and which contains waste shall be left in a public place (as defined in the Litter Pollution Acts 1997 and 2003), other than where it is initially filled, unless it is on or attached to a mechanically propelled vehicle, which is in transit to a facility as listed in Appendix C to this permit.

3.10 The permit holder shall ensure that skips containing waste are appropriately covered during transit to prevent spillage and litter nuisance.

3.11 Wheeled bins for municipal waste (including separately collected fractions) shall be identified with the name, address and telephone number of the permit holder in clearly legible lettering and a unique customer reference number. The permit holder shall supply the name and address of a customer to whom a reference number applies on request. The permit holder shall submit written details of the identification system to Mayo County Council for approval on request.

3.12 The permit holder shall include their permit number and name of issuing authority in all of their promotional material.

3.14 The permit holder shall ensure that skips;

(i) Carry reflectors or lighting of such receptacles so that they are clearly visible during a period when vehicles are required to be lighted;

(ii) Sited and deposited on public roads shall only be temporarily set down for no more than three days or when receptacle is full (whichever is the earliest). The nominated authority may specify the dimensions and other characteristics of skips.

3.15 All wheeled bins used for the collection of municipal waste shall comply with standard I.S. EN840 parts 1-6.

4. NOTIFICATION AND RECORD KEEPING

4.1 Within 1 month of the date of grant of the waste collection permit the permit holder shall submit a service address in the Republic of Ireland to Mayo County Council.

4.2 The permit holder shall notify Mayo County Council in relation to any conviction for an offence prescribed under article 21 or any requirement of an order under the Act, within 5 working days of such conviction or the imposition of such a requirement.

4.3 The permit holder shall notify the relevant local authority (i.e. the local authority in whose area the incident occurs) immediately after the occurrence of any incident connected with the activity to which this permit relates which caused or has the potential to cause environmental pollution or a threat to human health. The permit holder shall include as part of the notification the date, time, location and a full description of the incident. The permit holder shall also send a written record of the incident to **Mayo County Council** within 1 week of the incident. This written record of the incident shall include the following information:

(i) The date, time and location of the incident,
(ii) A full description of the incident,
(iii) Details of any measures taken to prevent or reduce environmental pollution or harm to human health which was caused or may be caused by the incident, and
(iv) Details of steps taken to avoid recurrence of similar incidents.

4.4 The permit holder shall notify Mayo County Council in advance of any proposal to increase the level of fees charged to householders for waste collection services provided.

4.5 The permit holder shall have a docket system for collecting non-hazardous industrial, commercial and construction and demolition waste collection. One individually numbered docket shall be used per consignment of waste. Each docket shall at a minimum contain the following:

(i) The name and waste collection permit number of the permit holder
(ii) Date of waste collection,
(iii) Vehicle Registration Number of the vehicle
(iv) Signature and name of the waste producer and address of origin of the waste,
(v) The local authority area of origin of the waste,
(vi) Description of waste including European Waste Catalogue (EWC) code.
(vii) The name, address and licence or permit number of the waste facility to which the consignment of will be delivered,

(viii) Quantity of waste delivered to the waste facility in units of tonnes or litres,
(ix) Signature of the vehicle driver, and
(x) Signature of a representative of the waste facility of destination.

Items (i) to (vii) must be completed before any of the waste is collected and items (viii) to (x) must be completed following transfer of any waste at the designated facility.

The permit holder shall comply with the provisions of this condition unless otherwise agreed in writing by Mayo County Council.

4.6 The permit holder shall have a docket system for recording waste from a regular collection round of non- hazardous household and commercial waste producers. One individually numbered docket shall be used per vehicle per day. The docket shall be retained on the vehicle while the waste to which the docket relates is being transported on the vehicle. Each docket shall at a minimum contain the following:

(i) The name and waste collection permit number of the permit holder,
(ii) Date of waste collection,
(iii) Vehicle Registration Number of the vehicle
(iv) The area in which the waste originated,
(v) The local authority area of origin of the waste,
(vi) Description of waste including European Waste Catalogue (EWC) code.
(vii) The name, address and licence or permit number of the waste facility or facilities to which the consignment will be delivered,
(viii) Quantity of waste delivered to the waste facility in units of tonnes or litres
(ix) Signature of the vehicle driver, and
(x) Signature of a representative of the waste facility of destination.

Items (i) to (vii) must be completed before any of the waste is collected and items (viii) to (x) must be completed following transfer of any waste at the designated facility.

The permit holder shall comply with the provisions of this condition unless otherwise agreed in writing by Mayo County Council.

4.7 Mayo County Council may at any time serve a notice on the permit holder specifying the format and layout of dockets, which the permit holder shall use in accordance with condition 4.5 and 4.6 of this permit. The permit holder shall comply with the provisions of any such notice.

4.8 The permit holder shall carry the dockets referred to in Conditions 4.5 and 4.6 on the vehicle on which the waste they refer to is carried until control of the waste is transferred to a facility specified in Appendix C of this permit. After that time, the permit holder shall retain the dockets referred to in Conditions 4.5 and 4.6 at the principal place of business of the permit holder

for a period of seven years and shall be made available for inspection by an authorised person.

4.9 The permit holder shall, at the address of the principal place of business and, from the records prescribed in Condition 4.5 and 4.6 maintain up-to-date monthly summaries of the following information in respect of waste collected by the permit holder in each calendar month:

(i) Local Authority area of Origin of Waste
(ii) Point of collection
(iii) Description of waste including European Waste Catalogue (EWC) code indicating whether or not the waste is hazardous
(iv) Quantity of each waste type collected in tonnes or litres
(v) The name, address and licence or permit number of the waste facility or facilities to which waste was delivered by the permit holder,
(vi) Country of destination (if abroad)
(vii) The nature of the activity carried on each waste facility to which waste was delivered by the permit holder (i.e. Disposal or recovery or transfer station)
(viii) The total number of households provided with waste collection by the permit holder
(ix) The number of households provided with kerbside dry recyclable waste collection by the permit holder
(x) The number of households provided with 'pay-by-use' waste collection by the permit holder

4.10 The records maintained by the permit holder in accordance with condition 4.9 shall be kept at the address of the principal place of business for at least 7 years and shall be made available for inspection by an authorised person at the address of the principal place of business during normal office hours.

4.11 The permit holder shall, not later than 28th February in each year, furnish to Mayo County Council an Annual Report (AR) in respect of waste collection activities carried out by the permit holder in the preceding calendar year. The AR shall be a summary of the records maintained under condition 4.9 of the permit. The AR shall contain the following information, in summary form, in respect of waste collected by the permit holder in the preceding calendar year:

(i) Local Authority area of Origin of Waste
(ii) Point of collection
(iii) EWC Codes, indicating whether or not the waste is hazardous
(iv) Waste Description
(v) Quantity of each waste type collected (in tonnes)
(vi) Destination of waste (i.e. facility name and address)
(vii) Waste license or waste permit register number of facilities to which waste is delivered
(viii) Country of destination (if abroad)

(ix) The nature of the activity carried on at the waste facility to which waste is delivered (i.e. Disposal or recovery)

(x) The total number of households from which the permit holder collected waste

(xi) The number of households provided with segregated waste collection by the permit holder

4.12 The information specified in 4.11 shall be filled in on the Annual Report form available on www.connaughtwaste.ie. The completed form shall be submitted by the 28th February each year in respect of the preceding calendar year to Mayo County Council by e-mail to cwm@mayococo.ie.

4.13 A copy of all correspondence sent to and received from **Mayo County Council** regarding this waste collection permit shall be kept at the address of the principal place of business for at least seven years following the date on which the correspondence is sent or received respectively and shall be made available for inspection by any authorised person.

4.14 The permit holder shall at his principal place of business for at least seven years maintain a list of the name and address of each waste producer and waste facility from which the permit holder collects waste for inspection by an authorised person at the address of the principal place of business.

4.15 All communications from the permit holder to Mayo County Council shall be addressed in writing by the permit holder to the following address:

Environment Section
Mayo County Council
Aras an Chontae
Castlebar
Co. Mayo

This condition does not apply in respect of the Annual Report as described in Condition 4.11.

5 CHARGES AND FINANCIAL PROVISIONS.

5.1 The permit holder shall pay to the relevant Local Authority:

(i) The cost of any investigations carried out or caused to be carried out by the local authority so as to enable it properly to decide on an application, or

(ii) Any costs incurred by the local authority for the purpose of ensuring compliance by the holder of a permit with the requirements of the said permit, including the cost of any inspection or investigations carried out or caused to be carried out by the local authority, and the taking and analysis of any sample of waste.

5.2 The permit holder shall effect and maintain an appropriate and adequate policy of insurance in respect of vehicles used for the purposes of, and liabilities arising from, the waste collection activity, including employer's liability and public liability as relevant.

5.3 The minimum acceptable level of indemnity is €6,400,000 for Public Liability Insurance and €6,400,000for third party property damage on Motor Insurance.

5.4 Fees payable shall be in accordance with Article 8 of the Waste Management (Collection Permit) Regulations S.I. No 820 of 2007 as amended by the Waste Management (Collection Permit) (Amendment) Regulations S.I No.87 of 2008.

6.0 CONDITIONS SPECIFIC TO WASTE TYPE

6.1 COMMERCIAL AND INDUSTRIAL WASTE

NA

6.1.1 Household waste shall only be collected in accordance with a 'Pay by Use' system from the date of grant of this permit. To comply with this requirement a Pay by Lift, Pay by Tag, Pay by Weight system is acceptable. Systems relying on a flat charge are not acceptable. The system shall provide a clear explanation of the calculation of the waste charge and should provide an incentive for the customer to minimize residual waste. The permit holder shall forward a breakdown of the waste charge to the customer with the invoice or prior to renewal of contract and in any event at intervals not greater than six-month. This breakdown must identify in particular the proportional element of the charge and in cases where Pay by Weight is being used the weight per lift shall be included. In cases of Pay by Lift or Pay by Tag systems, the record of the number of lifts shall be included. All other charges should also be clearly identified on the invoice. Details of compliance with the requirement for a 'Pay by Use' system shall be submitted in writing approval to the nominated authority within 6 weeks of the grant of this permit.
No household waste may be collected six months after issue of this permit unless the nominated authority has approved in writing a 'Pay by Use' system proposed by the permit holder.

6.1.2 Permit Holders will only be permitted to collect commercial and industrial waste after 1st September 2009 where a separate organic waste collection system, which complies with the requirement of Table 1 of the Schedule, is in place.
Details of compliance with the requirement for a separate organic waste collection system must be submitted in writing to the nominated authority for approval within six weeks of the grant of this permit. Subsequent phases must be submitted three months in advance of the target deadline.
Organic waste shall only be collected in bins in accordance with the criteria in Section 3 of this permit.
The charging system for organic waste shall incentivise businesses to participate in source segregation of organic waste. The frequency of collection must ensure the organic waste is suitable for further biological treatment.
No commercial and industrial waste may be collected six months after issue of this permit unless the nominated authority has approved, in writing the organic waste collection system of the permit holder.

6.1.3 The Permit Holder shall not collect materials containing hazardous waste, unless specifically permitted in accordance with Condition 1.2 and as listed in Appendix A. Where source segregation has not taken place, each waste load collected shall be treated as hazardous waste.

6.1.4 The permit holder shall notify the Mayo County Council in advance, within a period of not less than one (1) month, of any proposal to alter/extend the materials for separate collection of dry recyclables under 6.1.1 above.

6.2 CONSTRUCTION AND DEMOLITION WASTE

6.2.1 Construction and demolition waste, where technically and economically feasible, shall be source segregated and transported for recovery, recycling or reuse.

6.2.2 The permit holder shall not mix source separated construction and demolition wastes during collection and transport.

6.2.3 The permit holder shall damp down dry or dusty wastes prior to transport.

6.2.4 The permit holder shall not collect soil and stones containing hydrocarbons or dangerous substances unless specifically permitted in accordance with condition 1.2 and as listed in Appendix A.

6.2.5 The permit holder shall ensure that no pollutants or other waste types are allowed to contaminate loads destined for recovery, recycling or reuse. The permit holder shall transfer contaminated loads to appropriate licensed / permitted facilities where segregation / treatment can be carried out.

6.2.6 The permit holder shall ensure that no waste is deposited on the public road during the collection and transportation of the waste.

6.2.7 Collection of construction and demolition wastes that are hazardous in nature is additionally subject to the conditions specified for Hazardous Wastes.

APPENDIX A

THE FOLLOWING 11 WASTE TYPES MAY BE COLLECTED UNDER COLLECTION PERMIT REFERENCE WCP–MO–09–0276-01

EWC Code	Description
01 04 09	waste sand and clays
01 04 10	dusty and powdery wastes other than those mentioned in 01 04 07*
01 04 12	tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07* and 01 04 11
17 01 01	concrete
17 01 02	bricks
17 01 03	tiles and ceramics
17 01 07	mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06*
17 02 01	wood
17 05 04	soil and stones other than those mentioned in 17 05 03*
17 05 06	dredging spoil other than those mentioned in 17 05 05*
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01*, 17 09 02* and 17 09 03*

APPENDIX B

THE FOLLOWING 6 VEHICLES MAY BE USED TO COLLECT WASTE UNDER COLLECTION PERMIT REFERENCE - WCP-MO-09-0276-01

Registration Number	Vehicle Type
~~00 SO 3355~~	~~IVECO~~
~~03 MO 6~~	~~SCANIA~~
~~04 MO 5~~	~~HINO~~
~~05 MO 8~~	~~SCANIA~~
~~06 MO 5~~	~~VOLVO~~
~~07 MO 100~~	~~HINO~~

Removed 08-MO-2

APPENDIX C

THE FOLLOWING 2 FACILITIES MAY BE USED TO ACCEPT WASTE UNDER COLLECTION PERMIT REFERENCE WCP-MO-09-0276-01

Location	Ownership	Licence or Waste Permit Number
Tallagh, Belmullet, Co. Mayo	Lennon Quarries Ltd.	[redacted]
Rathroeen Landfill, Ballina, Co. Mayo	Mayo County Council	[redacted]

APPENDIX M

Annual Environmental Reporting Form for Waste Permitted Facilities

Please read the guidance document provided. Contact your local authority inspector in the event of queries.

This report is for the calendar year:	**2008**
Waste Permit Number (from permit)	144
Facility name (from permit)	Tallagh Belmullet Co Mayo
Company or organisation name	Lennon Quarries Ltd
Public or privately owned facility (select from list)	Privately owned
Contact name (in case of queries)	Sandra Carey
Telephone of contact	097 81297
E-mail of contact	sandra@lennonquarries.com

Summary of statistics provided on this survey

Weighbridge recorded intake:	
Waste intake (summary):	
Waste removed (summary):	

Please offer any comments or suggestions to improve this reporting form

Summary of statistics provided on this survey Waste
intake (Summary): 11,942.50
Waste removed (Summary):

Waste accepted at: 144 Tallagh Belmullet Co Mayo

Please note that the information provided on this sheet may be subject to verification by audit. All underlying data should be kept and all assumptions and calculations documented.

In: 2008

WEIGHBRIDGE INTAKE RECORD - this is not an obligatory form - operators may choose to keep records on an alternative format.

Where no weighbridge exists, agree with your local authority how to quantify your waste intake.

This form shows the information that must be kept for statistical and compliance purposes and is for guidance or use.

This form may also be printed out for written records. Frequent data entry to an electronic form is recommended.

Please scroll and down and right to see the whole form

Date	Time of arrival of vehicle	Reg. no.	Operator	Source of waste	EWC code	Hazardous waste (Y/N)	Description of waste	Quantity (tonnes)	Proportion household, if any (ask driver)	Weight of household waste (tonnes)
(Type in)	(Type in)	(Type in)	(Type in)	(Select from list)	(Type in or select from list)	(Type in or select from list)	(Type in - please be exact and concise)	(Type in - tonnes only)	(Type in)	(Auto-calculates)
12/01/2007	1000 00G56987		Galway City Council	Household waste	20 03 01	No	Mixed residual waste from households	15.00	100%	15.00
12/01/2007	1030 03MO23564		Waste Collection Ltd.	Mixed municipal waste	20 03 01	No	Mixed residual waste from households and commercial and industrial premises. Mixed route.	16.00	70%	12.50
12/01/2007	1045 05LH98705		Commercial Collections Ltd	Mixed commercial waste	20 03 01	No	Mixed residual waste from shops	13.00	0%	0.00
12/01/2007	1100 02L565734		Waste Services Ltd	Industrial process waste	19 01 01	No	Ash from boilers	12.00	0%	0.00
12/01/2007	1130 04DE9E559		Mark Skiller Ltd.	C&D waste	17 05 04	No	Soil excavated at construction site	17.00	0%	0.00

Sample entries - in case of queries, contact your local authority inspector

21/01/2008	12:30 04 MO 5		Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
21/01/2008	13:30 04 MO 5		Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
21/01/2008	14:25 04 MO 5		Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
21/01/2008	14:55 04 MO 5		Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
21/01/2008	15:35 04 MO 5		Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
21/01/2008	16:20 04 MO 5		Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
21/01/2008	17:05 04 MO 5		Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
22/01/2008	08:40 07 MO 100		Lennon Quarrie	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
22/01/2008	09:20 07 MO 100		Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
22/01/2008	10:10 07 MO 100		Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
21/01/2008	14:47 05 MO 8		Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
21/01/2008	15:30 05 MO 8		Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
21/01/2008	16:11 05 MO 8		Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
21/01/2008	16:50 05 MO 8		Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
21/01/2008	17:35 05 MO 8		Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00

22/01/2008	08:55 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
22/01/2008	09:40 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/01/2008	09:35 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/01/2008	10:25 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/01/2008	10:47 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/01/2008	11:20 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/01/2008	11:43 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/01/2008	12:10 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/01/2008	12:35 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/01/2008	13:05 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/01/2008	14:15 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/01/2008	14:40 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/01/2008	15:03 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/01/2008	15:33 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/01/2008	15:55 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/01/2008	16:25 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
07/04/2008	07:30 03 MO 2099	Chris Deane	C&D waste	17 01 02	No	Rubble excavated at construction site	9.00	0%	0.00
07/04/2008	08:15 03 MO 2099	Chris Deane	C&D waste	17 01 02	No	Rubble excavated at construction site	9.00	0%	0.00
07/04/2008	09:30 03 MO 2099	Chris Deane	C&D waste	17 01 02	No	Rubble excavated at construction site	9.00	0%	0.00
07/04/2008	10:15 03 MO 2099	Chris Deane	C&D waste	17 01 02	No	Rubble excavated at construction site	9.00	0%	0.00
07/04/2008	12:00 03 MO 2099	Chris Deane	C&D waste	17 01 02	No	Rubble excavated at construction site	9.00	0%	0.00
07/04/2008	14:00 03 MO 2099	Chris Deane	C&D waste	17 01 02	No	Rubble excavated at construction site	9.00	0%	0.00
07/04/2008	15:00 03 MO 2099	Chris Deane	C&D waste	17 01 02	No	Rubble excavated at construction site	9.00	0%	0.00
08/04/2008	07:30 03 MO 2099	Chris Deane	C&D waste	17 01 02	No	Rubble excavated at construction site	9.00	0%	0.00
08/04/2008	08:00 03 MO 2099	Chris Deane	C&D waste	17 01 02	No	Rubble excavated at construction site	9.00	0%	0.00
08/04/2008	09:00 03 MO 2099	Chris Deane	C&D waste	17 01 02	No	Rubble excavated at construction site	9.00	0%	0.00
08/04/2008	09:30 03 MO 2099	Chris Deane	C&D waste	17 01 02	No	Rubble excavated at construction site	9.00	0%	0.00
08/04/2008	12:00 03 MO 2099	Chris Deane	C&D waste	17 01 02	No	Rubble excavated at construction site	9.00	0%	0.00
08/04/2008	13:00 03 MO 2099	Chris Deane	C&D waste	17 01 02	No	Rubble excavated at construction site	9.00	0%	0.00
08/04/2008	15:00 03 MO 2099	Chris Deane	C&D waste	17 01 02	No	Rubble excavated at construction site	9.00	0%	0.00
07/04/2008	07:30 98 MO 2754	Shane McIntyre	C&D waste	17 01 02	No	Rubble excavated at construction site	9.00	0%	0.00
07/04/2008	08:30 98 MO 2754	Shane McIntyre	C&D waste	17 01 02	No	Rubble excavated at construction site	9.00	0%	0.00
07/04/2008	09:30 98 MO 2754	Shane McIntyre	C&D waste	17 01 02	No	Rubble excavated at construction site	9.00	0%	0.00
07/04/2008	10:15 98 MO 2754	Shane McIntyre	C&D waste	17 01 02	No	Rubble excavated at construction site	9.00	0%	0.00
07/04/2008	11:20 98 MO 2754	Shane McIntyre	C&D waste	17 01 02	No	Rubble excavated at construction site	9.00	0%	0.00
07/04/2008	13:00 98 MO 2754	Shane McIntyre	C&D waste	17 01 02	No	Rubble excavated at construction site	9.00	0%	0.00
07/04/2008	15:00 98 MO 2754	Shane McIntyre	C&D waste	17 01 02	No	Rubble excavated at construction site	9.00	0%	0.00
08/04/2008	07:30 98 MO 2754	Shane McIntyre	C&D waste	17 01 02	No	Rubble excavated at construction site	9.00	0%	0.00
08/04/2008	08:30 98 MO 2754	Shane McIntyre	C&D waste	17 01 02	No	Rubble excavated at construction site	9.00	0%	0.00
08/04/2008	09:30 98 MO 2754	Shane McIntyre	C&D waste	17 01 02	No	Rubble excavated at construction site	9.00	0%	0.00
08/04/2008	10:30 98 MO 2754	Shane McIntyre	C&D waste	17 01 02	No	Rubble excavated at construction site	9.00	0%	0.00

08/04/2008	12:00 98 MO 2754	Shane McIntyre	C&D waste	17 01 02	No	Rubble excavated at construction site	9.00	0%	0.00
08/04/2008	13:00 98 MO 2754	Shane McIntyre	C&D waste	17 01 02	No	Rubble excavated at construction site	9.00	0%	0.00
08/04/2008	15:00 98 MO 2754	Shane McIntyre	C&D waste	17 01 02	No	Rubble excavated at construction site	9.00	0%	0.00
15/04/2008	09:10 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
15/04/2008	14:00 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
16/04/2008	15:05 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
17/04/2008	11:00 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
17/04/2008	11:50 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
17/04/2008	12:35 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
17/04/2008	14:20 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
18/04/2008	08:30 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
18/04/2008	09:20 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
18/04/2008	10:40 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/042008	09:00 04 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
28/04/2008	10:00 04 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
28/04/2008	10:50 04 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
28/04/2008	11:15 04 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
28/04/2008	11:45 04 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
28/04/2008	12:20 04 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
28/04/2008	12:40 04 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
28/04/2008	13:50 04 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
28/04/2008	13:55 04 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
18/08/2008	08:20 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/06/2008	09:00 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/06/2008	09:20 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
26/06/2008	12:00 04 MO 3014	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
21/04/2008	10:25 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
21/04/2008	11:30 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
21/04/2008	12:30 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
21/04/2008	13:01 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
21/04/2008	14:20 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
21/04/2008	15:50 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
21/04/2008	16:20 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
21/04/2008	17:20 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
22/04/2008	08:30 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
23/04/2008	08:40 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
23/04/2008	08:53 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/04/2008	07:50 08 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/04/2008	08:15 08 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/04/2008	09:40 08 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/04/2008	12:45 08 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00

25/04/2008	13:15 05 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
15/05/2008	17:00 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
15/05/2008	18:30 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
16/05/2008	14:30 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
16/05/2008	15:00 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
16/05/2008	15:30 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
16/05/2008	16:00 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
16/05/2008	16:35 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
16/05/2008	17:00 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
22/04/2008	08:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
22/04/2008	08:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
22/04/2008	09:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
22/04/2008	09:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
22/04/2008	10:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
22/04/2008	11:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
22/04/2008	11:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
22/04/2008	12:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
22/04/2008	12:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
22/04/2008	13:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
22/04/2008	13:35 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0#
22/04/2008	14:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
22/04/2008	14:40 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
22/04/2008	15:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
22/04/2008	15:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
22/04/2008	16:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
23/04/2008	08:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
23/04/2008	08:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
23/04/2008	09:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
23/04/2008	09:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
23/04/2008	10:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
23/04/2008	11:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
23/04/2008	11:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
23/04/2008	13:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
23/04/2008	13:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
23/04/2008	14:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
23/04/2008	14:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
23/04/2008	15:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
23/04/2008	15:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
23/04/2008	16:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
23/04/2008	16:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
23/04/2008	17:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00

24/04/2008	08:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
24/04/2008	08:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
24/04/2008	09:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
24/04/2008	09:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
24/04/2008	10:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
24/04/2008	10:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
24/04/2008	11:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
24/04/2008	11:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
24/04/2008	12:20 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
24/04/2008	13:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
24/04/2008	13:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
24/04/2008	14:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
24/04/2008	14:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
24/04/2008	15:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/04/2008	11:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/04/2008	11:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/04/2008	12:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/04/2008	12:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/04/2008	13:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/04/2008	13:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/04/2008	14:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/04/2008	14:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/04/2008	15:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/04/2008	15:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/04/2008	16:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/04/2008	16:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/04/2008	17:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/04/2008	17:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/04/2008	18:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
26/04/2008	08:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
26/04/2008	08:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
26/04/2008	09:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
26/04/2008	09:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
26/04/2008	10:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
26/04/2008	10:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
26/04/2008	11:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
26/04/2008	11:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/04/2008	07:35 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/04/2008	08:00 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/04/2008	08:30 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/04/2008	09:25 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00

25/04/2008	10:30 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/04/2008	10:55 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
26/04/2008	16:30 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
27/04/2008	12:50 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02-May	08:25 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/05/2008	09:00 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/05/2008	09:28 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
07/05/2008	14:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
07/05/2008	14:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
07/05/2008	15:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
07/05/2008	15:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
07/05/2008	16:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
07/05/2008	16:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
07/05/2008	17:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
07/05/2008	17:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
07/05/2008	18:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
08/05/2008	08:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
08/05/2008	08:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
26/04/2008	12:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
26/04/2008	13:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
26/04/2008	13:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/04/2008	08:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/04/2008	08:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/04/2008	09:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/04/2008	09:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/04/2008	10:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/04/2008	10:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/04/2008	11:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/04/2008	12:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/04/2008	12:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/04/2008	13:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/04/2008	14:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/04/2008	14:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/04/2008	15:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/04/2008	16:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/04/2008	16:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/04/2008	17:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/04/2008	17:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/04/2008	18:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/04/2008	18:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/04/2008	19:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00

28/04/2008	19:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
01/05/2008	09:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
01/05/2008	13:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0#
01/05/2008	14:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
01/05/2008	14:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
01/05/2008	15:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
01/05/2008	15:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
01/05/2008	16:05 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
01/05/2008	16:20 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
01/05/2008	16:35 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
01/05/2008	17:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
01/05/2008	17:20 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
01/05/2008	18:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
01/05/2008	18:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/05/2008	07:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/05/2008	08:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/05/2008	08:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/05/2008	15:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/05/2008	15:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/05/2008	16:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/05/2008	17:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
06/05/2008	09:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
06/05/2008	10:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
06/05/2008	10:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
06/05/2008	10:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
14/05/2008	15:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
14/05/2008	16:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
14/05/2008	16:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
14/05/2008	17:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
14/05/2008	17:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
14/05/2008	18:10 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
15/05/2008	08:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
15/05/2008	08:40 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
15/05/2008	09:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
15/05/2008	09:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
15/05/2008	10:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
15/05/2008	10:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
15/05/2008	11:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
15/05/2008	11:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
15/05/2008	12:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
15/05/2008	12:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00

15/05/2008	13:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
16/05/2008	14:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
16/05/2008	15:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
16/05/2008	15:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
16/05/2008	16:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
16/05/2008	16:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
16/05/2008	16:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
16/05/2008	17:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
16/05/2008	17:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
16/05/2008	18:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
22/05/2008	12:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
22/05/2008	12:50 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
22/05/2008	13:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
22/05/2008	14:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
22/05/2008	14:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
22/05/2008	15:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
22/05/2008	15:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
30/05/2008	08:35 00 SO 3355	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	26.00	0%	0.00
30/05/2008	09:10 00 SO 3355	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	26.00	0%	0.00
30/05/2008	09:40 00 SO 3355	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	26.00	0%	0.00
03/06/2008	08:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
03/06/2008	09:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
03/06/2008	09:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
03/06/2008	10:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
03/06/2008	10:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
03/06/2008	11:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
03/06/2008	11:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
03/06/2008	12:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
03/06/2008	13:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
03/06/2008	14:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
04/06/2008	09:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
04/06/2008	10:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
16/05/2008	17:25 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
16/05/2008	17:45 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
16/05/2008	18:10 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
22/05/2008	11:30 04 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
22/05/2008	12:00 04 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
22/05/2008	12:30 04 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
22/05/2008	12:55 04 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
22/05/2008	13:55 04 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
22/05/2008	14:20 04 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00

22/05/2008	14:50 04 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
22/05/2008	15:10 04 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
27/05/2008	12:45 00 SO 3355	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	26.00	0%	0.00
27/05/2008	13:45 00 SO 3355	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	26.00	0%	0.00
27/05/2008	14:20 00 SO 3355	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	26.00	0%	0.00
29/05/2008	12:05 00 SO 3355	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	26.00	0%	0.00
29/05/2008	12:45 00 SO 3355	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	26.00	0%	0.00
29/05/2008	13:55 00 SO 3355	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	26.00	0%	0.00
29/05/2008	14:30 00 SO 3355	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	26.00	0%	0.00
29/05/2008	15:10 00 SO 3355	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	26.00	0%	0.00
29/05/2008	15:10 00 SO 3355	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	26.00	0%	0.00
29/05/2008	16:15 00 SO 3355	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	26.00	0%	0.00
29/05/2008	17:00 00 SO 3355	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	26.00	0%	0.00
29/05/2008	17:30 00 SO 3355	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	26.00	0%	0.00
03/06/2008	10:00 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
03/06/2008	11:15 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
03/06/2008	12:00 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
03/06/2008	12:40 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
03/06/2008	14:00 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
03/06/2008	14:55 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
09/06/2008	02:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
09/06/2008	15:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
09/06/2008	15:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
09/06/2008	16:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
09/06/2008	17:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
09/06/2008	17:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
09/06/2008	18:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/06/2008	11:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/06/2008	12:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/06/2008	08:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/06/2008	09:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/06/2008	10:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/06/2008	10:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/06/2008	11:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/06/2008	11:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/06/2008	12:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/06/2008	12:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/06/2008	14:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
04/06/2008	12:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
04/06/2008	12:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
04/06/2008	14:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00

04/06/2008	15:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
05/06/2008	08:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
05/06/2008	09:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
05/06/2008	11:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
05/06/2008	12:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
05/06/2008	17:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
06/06/2008	11:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
06/06/2008	12:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
06/06/2008	13:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
06/06/2008	15:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
06/06/2008	15:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
06/06/2008	16:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
06/06/2008	16:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
06/06/2008	17:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
06/06/2008	17:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
09/06/2008	11:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
09/06/2008	11:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
09/06/2008	12:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
09/06/2008	12:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
09/06/2008	13:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
09/06/2008	14:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/06/2008	14:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/06/2008	08:20 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/06/2008	08:50 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/06/2008	09:25 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/06/2008	09:50 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
17/06/2008	08:15 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
17/06/2008	08:40 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
17/06/2008	09:10 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
17/06/2008	09:45 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
17/06/2008	10:45 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
17/06/2008	11:15 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
17/06/2008	12:10 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
17/06/2008	12:50 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
26/06/2008	08:50 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
26/06/2008	09:20 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
26-Jun	10:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
26/06/2008	10:50 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
26/06/2008	11:20 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
26/06/2008	11:50 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
26/06/2008	12:25 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00

26/06/2008	13:55 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
26/06/2008	14:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
26/06/2008	15:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
27/06/2008	14:15 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
27/06/2008	15:20 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
27/06/2008	16:25 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/06/2008	08:22 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/06/2008	08:48 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/06/2008	09:15 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/06/2008	09:45 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/06/2008	10:45 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/06/2008	08:25 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/06/2008	08:50 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/06/2008	09:40 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/06/2008	10:35 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/06/2008	11:00 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/062008	13:05 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	09:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	09:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	10:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	10:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	11:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	11:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	12:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	12:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	13:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	14:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	14:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	15:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	15:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	15:48 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	16:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	16:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	17:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	17:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/07/2008	12:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/07/2008	12:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/07/2008	12:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/07/2008	13:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/07/2008	13:40 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/07/2008	14:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00

10/07/2008	11:13 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	11:40 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	12:03 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	12:25 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	12:55 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	13:40 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	14:13 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	14:40 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	15:03 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	15:28 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	16:02 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	16:30 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	16:50 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/07/2008	17:24 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/07/2008	12:02 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/07/2008	12:25 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/07/2008	13:25 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/07/2008	13:55 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/07/2008	14:22 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/07/2008	14:45 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/07/2008	15:10 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/07/2008	15:40 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/07/2008	16:05 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/07/2008	16:35 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/07/2008	17:05 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
12/07/2008	11:40 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
12/07/2008	12:00 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
12/07/2008	12:25 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
12/07/2008	13:00 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
12/07/2008	13:25 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
12/07/2008	14:00 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
14/07/2008	08:45 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
14/07/2008	09:15 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
14/07/2008	09:45 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
14/07/2008	10:30 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
14/07/2008	10:55 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
14/07/2008	11:22 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
14/07/2008	12:40 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
14/07/2008	13:05 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
15/07/2008	10:25 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
15/07/2008	12:25 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00

15/07/2008	13:50 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
15/07/2008	14:22 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
15/07/2008	14:45 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
14/07/2008	10:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
14/07/2008	10:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
14/07/2008	11:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
14/07/2008	11:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
14/07/2008	12:10 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
14/07/2008	12:35 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
14/07/2008	13:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
14/07/2008	13:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
15/07/2008	08:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
15/07/2008	10:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
15/07/2008	11:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
15/07/2008	11:25 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
15/07/2008	11:40 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
15/07/2008	12:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
15/07/2008	12:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
15/07/2008	13:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
15/07/2008	13:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
15/07/2008	14:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
15/07/2008	14:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
24/07/2008	16:10 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
24/07/2008	16:42 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
24/07/2008	17:20 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
24/07/2008	17:50 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/07/2008	08:25 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/07/2008	09:00 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/07/2008	09:38 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/07/2008	10:45 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/07/2008	11:17 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/07/2008	11:45 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/07/2008	12:20 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/07/2008	12:45 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/07/2008	13:40 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/07/2008	14:15 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/07/2008	16:00 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/07/2008	17:00 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
26/07/2008	08:30 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
26/07/2008	08:58 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
26/07/2008	09:30 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00

26/07/2008	10:00 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
26/07/2008	11:05 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
26/07/2008	12:00 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
26/07/2008	12:55 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/07/2008	08:35 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
24/07/2008	16:36 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
24/07/2008	17:10 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
24/07/2008	17:40 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/07/2008	08:20 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/07/2008	09:25 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
25/07/2008	10:40 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0]
28/07/2008	09:05 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
28/07/2008	09:35 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/09/2008	09:25 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/09/2008	10:15 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/09/2008	10:45 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/09/2008	11:15 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/09/2008	11:45 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/09/2008	12:15 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/09/2008	12:40 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/09/2008	13:55 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/09/2008	14:50 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/09/2008	15:25 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/09/2008	15:50 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/09/2008	16:30 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/09/2008	09:40 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/09/2008	10:20 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/09/2008	10:50 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/09/2008	11:20 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/09/2008	11:50 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/09/2008	12:20 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/09/2008	14:00 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/09/2008	14:30 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/09/2008	15:05 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
04/06/2008	09:20 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
04/06/2008	09:55 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
04/06/2008	10:45 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
04/06/2008	11:50 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
04/06/2008	12:25 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
04/06/2008	13:00 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
04/06/2008	13:45 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00

04/06/2008	15:30 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
04/06/2008	16:05 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
04/06/2008	16:40 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
06/06/2008	08:55 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
06/06/2008	09:45 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/06/2008	08:35 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
10/06/2008	09:10 05 MO 8	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
12/06/2008	08:15 04 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
12/06/2008	08:50 04 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
12/06/2008	09:10 04 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
13/06/2008	14:00 04 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
13/06/2008	14:25 04 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
02/07/2008	08:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/07/2008	09:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/07/2008	10:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
02/07/2008	11:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/07/2008	14:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/07/2008	14:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/07/2008	14:50 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/07/2008	15:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/07/2008	16:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/07/2008	16:35 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
11/07/2008	17:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
12/07/2008	11:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
12/07/2008	11:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
12/07/2008	12:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
12/07/2008	12:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
12/07/2008	13:10 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
12/07/2008	13:20 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
12/07/2008	13:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
14/07/2008	08:00 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
14/07/2008	08:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
14/07/2008	08:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
14/07/2008	08:45 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
14/07/2008	09:15 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
14/07/2008	09:30 03 MO 6	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
30/06/2008	09:30 04 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
30/06/2008	10:50 04 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
30/06/2008	11:40 04 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
19/08/2008	17:20 04 MO 3014	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
20/08/2008	09:40 04 MO 3014	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00

31/10/2008	12:25 04 MO 3014	Lennon Quarries Ltd	C&D waste	17 01 01	No	Concrete excavated at construction site	16.50	0%	0.00
06/11/2008	12:15 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
06/11/2008	15:05 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
06/11/2008	15:40 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
06/11/2008	16:45 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
07/11/2008	08:50 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
07/11/2008	10:45 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
07/11/2008	12:35 06 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
07/11/2008	14:50 07 MO 100	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	20.00	0%	0.00
16/09/2008	08:20 07 MO 100	Lennon Quarries Ltd	C&D waste	17 01 02	No	Rubble excavated at construction site	20.00	0%	0.00
16/09/2008	09:00 07 MO 100	Lennon Quarries Ltd	C&D waste	17 01 02	No	Rubble excavated at construction site	20.00	0%	0.00
16/09/2008	09:30 07 MO 100	Lennon Quarries Ltd	C&D waste	17 01 02	No	Rubble excavated at construction site	20.00	0%	0.00
16/09/2008	10:05 07 MO 100	Lennon Quarries Ltd	C&D waste	17 01 02	No	Rubble excavated at construction site	20.00	0%	0.00
17/09/2008	15:55 07 MO 100	Lennon Quarries Ltd	C&D waste	17 01 02	No	Rubble excavated at construction site	20.00	0%	0.00
17/09/2008	16:30 07 MO 100	Lennon Quarries Ltd	C&D waste	17 01 02	No	Rubble excavated at construction site	20.00	0%	0.00
17/09/2008	17:25 07 MO 100	Lennon Quarries Ltd	C&D waste	17 01 02	No	Rubble excavated at construction site	20.00	0%	0.00
22/09/2008	17:20 07 MO 100	Lennon Quarries Ltd	C&D waste	17 01 02	No	Rubble excavated at construction site	20.00	0%	0.00
05/11/2008	14:25 06 MO 5	Lennon Quarries Ltd	C&D waste	17 01 02	No	Rubble excavated at construction site	20.00	0%	0.00
05/11/2008	14:55 06 MO 5	Lennon Quarries Ltd	C&D waste	17 01 02	No	Rubble excavated at construction site	20.00	0%	0.00
05/11/2008	15:25 06 MO 5	Lennon Quarries Ltd	C&D waste	17 01 02	No	Rubble excavated at construction site	20.00	0%	0.00
05/11/2008	15:55 06 MO 5	Lennon Quarries Ltd	C&D waste	17 01 02	No	Rubble excavated at construction site	20.00	0%	0.00
05/11/2008	16:30 06 MO 5	Lennon Quarries Ltd	C&D waste	17 01 02	No	Rubble excavated at construction site	20.00	0%	0.00
05/11/2008	17:00 06 MO 5	Lennon Quarries Ltd	C&D waste	17 01 02	No	Rubble excavated at construction site	20.00	0%	0.00
05/11/2008	17:25 06 MO 5	Lennon Quarries Ltd	C&D waste	17 01 02	No	Rubble excavated at construction site	20.00	0%	0.00
26/11/2008	14:30 04 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	16.50	0%	0.00
26/11/2008	15:15 04 MO 5	Lennon Quarries Ltd	C&D waste	17 05 01	No	Soil excavated at construction site	10.00	0%	0.00

Waste accepted at:	144	Tallagh Belmullet Co Mayo
in:	2008	

Please note that the information provided on this sheet may be subject to verification by audit. All underlying data should be kept and all assumptions and calculations documented.

SUMMARY RECORD - this form should summarise the weighbridge incoming record, and is subject to audit.

Please enter information into white cells only.

Source of waste	EWC code	Hazardous waste (Y/N)	Description of waste	Hazwaste tag (required only if hazardous waste and only if treated)	Quantity (tonnes)	D/R code of activity (according to Waste Management Act)
(Select from list)	(Type in or select from list)	(Type in or select from list)	(Type in - please be exact and concise)	(Type in or select from list)	(Type in - don't use kg or any other units)	(Type in or select from list)
Household waste	20 03 01	No	Mixed residual waste		20,000.00	D1-Landfill (deposit on, in or under land)
Non-household municipal waste	20 01 01	No	Paper from commercial premises		5,000.00	R4-Recycling/reclamation of inorganic ma...
Waste from other waste facilities	19 12 12	No	Organic fines from trommeling of household residual waste		2,500.00	R3-Recycling/reclamation of organic sub... which are not...
Industrial process waste	07 05 04*	Yes	Solvents from industry		100.00	R13-Storage of waste intended for any...
Construction/demolition waste	17 01 07	No	Mixed bricks and concrete waste		5,000.00	R4-Recycling/reclamation of inorganic ma...

Sample entries - in case of queries, please contact your local authority inspector

Construction/demolition waste	17 05	No	Soil/Soil and stones excavated at construction site		11,374.00	D1-Landfill (deposit on, in or under land)
Construction/demolition waste	17 01 02	No	Bricks/Rubble excavated at construction site		552.00	Yes
Construction/demolition waste	17 01 01	No	Broken Concrete excavated at construction site		16.50	Yes

Waste removed from:	144	Tallagh Belmullet Co Mayo
In:	2008	

Please note that the information provided on this sheet may be subject to verification by audit. All underlying data should be kept and all assumptions and calculations documented.

SUMMARY RECORD - this form should summarise the weighbridge outgoing record, and is subject to audit.

Please enter information into white cells only.

Source of waste	EWC code	Hazardous waste (Y/N)	Description of waste	Quantity (tonnes)	Destination of waste (name and location)	Licence or permit number of destination (if Ireland)	Country of destination (if waste exported)	TFS notification number (if waste exported)
(Select from list)	(Type in or select from list)	(Type in or select from list)	(Type in - please be exact and concise)	(Type in - don't use kg or any other units)	(Type in - please be exact and concise)	(Type in)	(Type in)	(Type in)
Transfer station	20 03 01	No	Mixed residual waste	20,000.00	Landfill facility	77-2	-	-
Waste treatment activity	20 01 01	No	Paper extracted from mixed recyclables	5,000.00	Paper recycler Ltd	-	Great Britain	IE[illegible]
Waste treatment activity	19 05 03	No	Stabilised biowaste from aerobic treatment of organic fines from trommeling of household residual waste	2,500.00	South West Landfill	21-1	-	-
Transfer station	07 05 04	Yes	Solvents from industry	100.00	Kommunkemi, Denmark	-	Denmark	IE[illegible]

Sample entries - in case of queries, please contact your local authority inspector

APPENDIX N

NON-TECHNICAL SUMMARY

(REVISION B)

This Waste Licence Application 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, subject to this Waste Licence Application.

TOBIN Consulting Engineers (Contact – Dr. Emma Sweeney, Senior Environmental Scientist) ('TOBIN'), Market Square, Castlebar, Co. Mayo, telephone 094 9021401, fax 094 9021534, email emma.Sweeney@tobin.ie, have prepared this Waste Licence Application, on behalf of their client - Lennon Quarries Ltd. All correspondence relating to this Waste Licence Application 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 and Drawing No. 2084-2601 (attached in 'Application Drawings', Tab 15). 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 (attached in 'Application Drawings', Tab 15). The site is owned by Erris Farm Services Co-Op Society Ltd., Chapel Street, Belmullet, but is on long-term lease to the applicant (Lennon Quarries Ltd.). The extent of the lands leased are shown on Drawing No. 2084-2602 (attached in 'Application Drawings', Tab 15).

The Waste Licence Application 'Site Layout Plan' is shown on Drawing No. 2084-2603 (attached in 'Application Drawings', Tab 15). 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.

This Waste Licence Application is for a 'Material Recovery Facility' at the site. Material Recovery is presently ongoing at the application site, under the

existing Mayo County Council Waste Permit PER 144 for the site, which was granted on 30 January 2006, in accordance with the relevant legislation at that time (Waste Management Act 1996 and the Waste Management (Permit) Regulations 1998). This permit expires on 29 January 2009.

The 1998 Waste Permit Regulations were revoked and replaced by the Waste Management (Facility Permit and Registration) Regulations 2007 and the Waste Management (Facility Permit and Registration) (Amendment) Regulations 2008 ('*New Legislation*'), which came into effect on 01 June 2008.

Under the *New Legislation*, the activity permitted under existing Waste Permit PER 144 does not fall within Part I of the Third Schedule, and therefore now requires a Waste Licence, in accordance with the Waste Management (Licensing) Regulations 2004 (S.I. No. 395 of 2004).

Therefore, it is not intended for Lennon Quarries Ltd. to submit a 'Waste Permit Review Application' with Mayo County Council. In compliance with the *New Legislation*, Lennon Quarries Ltd. are submitting this 'Waste Licence Application' with the EPA. The *New Legislation* requires that the 'Waste Licence Application' is lodged with the EPA within 180 working days of the coming into operation of the Waste Management (Facility Permit and Registration) Regulations 2007 (i.e. 13 February 2008), or before/on the expiry date of the existing Waste Permit (i.e. 29 January 2008), whichever is sooner. These dates have been confirmed by the EPA in a letter dated 16 October 2008.

By lodging the application within this timeframe, the existing Waste Permit (PER 144) will remain valid until such a time as the EPA either grant or refuse a Waste Licence. This interpretation of the legislation is also confirmed by the EPA in their letter dated 16 October 2008.

The Waste Licence Application Site is located within the functional area of Mayo County Council Planning Authority. However, the activities proposed to be carried out under this Waste Licence Application (and under the existing Waste Permit PER 144 for the site) are understood to be 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 Waste Licence Application site.

The works proposed under this Waste Licence Application involve the acceptance of a maximum of 24,900 Tonnes per annum of uncontaminated inert natural material and its recovery, by spreading the material over the site deposition area, with a consequential benefit of improving the land for agricultural use.

The wastes proposed to be accepted at the Waste Licence Facility fall under two main EWC Waste Categories (EWC 01 & EWC 17). A more detailed breakdown of the waste types proposed to be accepted at the Waste Licence Facility (and their corresponding EWC codes) is given below:

EWC 01
Waste Resulting from Exploration, Mining, Quarrying, and Physical & Chemical Treatment of Minerals: -
EWC 01 04 09
Waste Sand & Clay
EWC 01 04 10
Dusty & Powdery Wastes, other than those mentioned in 01 04 07
EWC 01 04 12
Tailings & Other Wastes from Washing & Cleaning of Minerals, other than those mentioned in 01 04 07 & 01 04 11

EWC 17
Construction and Demolition Wastes: -
EWC 17 05 04
Soil & Stones, other than those mentioned in 17 05 03
EWC 17 05 06
Dredging Spoil, other than those mentioned in 17 05 05

It is proposed to accept 575 Tonnes/Month (6,900 Tonnes/Annum) of uncontaminated inert natural 'Waste Resulting from Quarrying, Activities' (wastes listed under EWC 01 above) and 1,500 Tonnes/Month (18,000 Tonnes/Annum) of uncontaminated inert natural 'Construction and Demolition Wastes' (wastes listed under EWC 17 above) at the Waste Licence Facility for recovery/reclamation.

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, as all materials to be accepted at the proposed facility are uncontaminated inert natural materials.

The class/classes of activity (in accordance with the Third Schedule or Fourth Schedule to the Waste Management Acts 1996 to 2003), to which this Waste Licence Application relates are presented below.

The **'Principle Activity'** to be undertaken is covered by:
Class 4 of the Fourth Schedule of the Waste Management Acts 1996 - 2003:
"Recycling or reclamation of other inorganic materials".

This application concerns the recovery/reclamation of uncontaminated inert natural material (i.e.: natural construction & demolition waste and natural waste resulting from quarrying) and its recovery, by spreading the material over the site area, with a consequential benefit for improving the land for agricultural use.

The proposed activities are also covered by:
Class 13 of the Fourth Schedule of the Waste Management Acts 1996 - 2003:
"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 uncontaminated inert natural material (i.e.: natural construction & demolition waste and natural waste resulting from quarrying) before it is reclaimed by spreading the material over the site area.

Drawing No. 2084-2607 (Attached in 'Application Drawings', Tab 15) presents the *'Existing Topographic Map of Application Site"*. This application for a Waste Licence, proposes to raise the level of the site by 2m, by spreading out the accepted uncontaminated inert natural materials (24,900 Tonnes/Annum) over the surface of the 'Area of Deposition'. Drawing No. 2084-2608 - (Attached in 'Application Drawings', Tab 15), shows the *'Proposed Topographic Map of Application Site, Showing Final Ground Levels'* (i.e. with proposed 2m Land Raise shown). Cross Section Locations A-A, B-B, C-C, D-D & E-E are shown on Drawing 2084-2607 & Drawing No. 2084-2608 (Attached in 'Application Drawings', Tab 15), with the Cross Sections presented on Drawing No. 2084-2609, Drawing No. 2084-2610 & Drawing No. 2084-2611 (Attached in 'Application Drawings', Tab 15). The Cross Sections clearly show the Land Raise by 2m, 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 2m, as shown on the Cross Section Drawings.

To allow for a proposed 2m Land Raise, it was calculated that a total of 373,039m^3 of material would have to be accepted/recovered at the facility. Using a density for Natural Construction & Demolition Waste & Natural Wastes from Quarrying Activities of 1.6 Tonnes/m^3, it was calculated that 596,862.5 Tonnes Waste would have to be accepted at the facility for recovery/reclamation. Based on an annual intake of 24,900 Tonnes/Annum, it is calculated that the facility will be active for 24 Years (i.e. 2009 - 2032).

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.

It is proposed to construct a concrete hardstand area within the waste deposition site, to the northeast of the entrance to the site, as shown on Drawing No. 2084-2612 (attached in 'Application Drawings', Tab 15). The proposed concrete hardstand area will be ca. 25m x 20m in size and will be constructed using 4" broken stone, overlain by 75mm sand, and ca. 150mm of reinforced concrete.

The concrete hardstand will have an 'Open Surface Water Drain' running within the perimeter of the slab, as shown on Drawing No. 2084-2612 (attached in 'Application Drawings', Tab 15). This will ensure that all surface water runoff from the concrete hardstand will be collected and directed towards a petrol interceptor, prior to discharge into the site surface water drainage system, as shown on Drawing No. 2084-2612 (attached in 'Application Drawings', Tab 15).

The facility accommodation (portocabin & portoloo) will be positioned on the hardstand, as shown on Drawing No. 2084-2612 (attached in 'Application Drawings', Tab 15).

Finally, three waste quarantine bays will be constructed on the concrete hardstand, as shown on Drawing No. 2084-2612 (attached in 'Application Drawings', Tab 15). The waste quarantine bays will be 6m x 4m in plan area, and will be simple block wall structures, ca. 2m in height.

Under the existing Waste Permit PER 144 for the facility (which has been active since January 2006, and will remain active until a decision is made on this

Waste Licence Application) and under the proposed Waste Licence for the facility, only one piece of plant equipment will be used onsite. The Hitachi 200 excavator is being and will continue to be used intermittently throughout the day/week.

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 (attached in 'Application Drawings', Tab 15). This will allow haulage trucks to enter the site, turn, and deposit their material, along the perimeter of the hardcore area.

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 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 Waste Quarantine Area.

The waste deposition at the site is proposed to be carried out in 3 No. Phases, as shown on Drawing No. 2084-2615 Rev. A. During Phase 1, the machine driver will fan out the acceptable material concentrically over the area of Phase 1. Once Phase 1 is complete, the acceptable material will be fanned out over Phase 2, for a 2m lift. Finally, when Phase 2 is complete, the incoming material will be transported over the area of Phase I & 2, to be deposited over the Phase 3 area, again to be fanned out for a 2m lift.

All perimeter surface water drains will remain untouched, with the 2m land raise rising up at a slope of 3:1 from the top of the drains. The existing open surface water drains which cut through the Area of Waste Deposition, will be retained, but will also be raised by 2m, as shown on Cross Section Drawings 2084-2609, 2084-2610 & 2084-2611 (attached in 'Application Drawings', Tab 15).

The Deputy Facility Manager/Machine Operative will carry out a 'Basic Characterisation' of the waste on arrival and keep a record of all material arriving at the facility, including the following information:

- Date;
- Time;
- Owner Truck;
- Truck Licence Plate No.;
- Origin of Material;
- Process which Produced the material;
- Appearance of the material;
- Odour from the Material;
- Type of Material (according to European Waste Codes (EWC);
- Quantity of Material;

It is proposed to carry out 'Compliance Testing' on a composite sample of waste received at the proposed Waste Licenced Facility on an annual basis. The results will be compared to the 'Limit Values for Waste Acceptable at Landfills for Inert Waste' (although strictly not a 'Landfill'), as presented in Section 2.1.2 of the Annex to The EC Council Decision 2003/33/EC.

It is not proposed to install a weighbridge at the facility. Based on the proposed annual intake of 24,900 Tonnes, it is expected that there will be approximately 1,245 truckloads of inert material delivered to the site on an annual basis (i.e. ca. 25 loads per week). This small quantity of truck arrivals does not justify the expense of installing a weighbridge. Also, all natural inert material arriving at the facility will be delivered in haulage trucks owned and operated by Lennon Quarries Ltd. (under Waste Collection Permit WCP-MO-09-0276-01). 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 proposed Waste Licence 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.

Raw Materials including broken stone, sand, concrete blocks and poured concrete will be accepted at the facility to complete construction of the proposed broken stone hardcore turning area for trucks (inside the main entrance gate) and for the proposed concrete hardstand area (base for Portocabin, Portoloo, Waste Quarantine Area, and Machine Refuelling Area), as discussed above. These works are proposed to be completed within the first two working weeks of the Waste Licence being granted. Following these works, it is not expected that any other 'Raw Materials' will be accepted at the facility.

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 and 1 no. surface water emission from the proposed petrol interceptor to the site surface water drainage system (as shown on Drawing No. 2084-2613, attached in 'Application Drawings', Tab 15). 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' are proposed to be put in place to ensure the above listed emissions from the facility will not result in the contravention of any environmental standard. These measures include:

construction of 5 no. Settlement Ponds on all drainage channels prior to their discharge from the site, the installation of a petrol interceptor (all of which are shown, with their associated areas of contribution, on Drawing No. 2084-2614 Rev. B), 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.

Six No. 'Surface Water Monitoring' locations are proposed on the Clooneen River, as shown on Drawing No. 2084-2606 Rev. B. One is located upstream of the site, and the remaining five are located directly downstream of each of the surface water emission points to the Clooneen River. This will allow the surface water being emitted from the site (following the settlement lagoons) to be strictly monitored. Monitoring of 'Settlement Dust' at 3 no. locations around the site boundary, on a biannual basis is proposed. 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 proposed on an annual basis. The locations of all proposed monitoring locations, are shown on Drawing No. 2084-2606 Rev. B.

The main accidents of concern for the facility subject to this Waste Licence Application are an accidental fuel spillage, or a fire at the facility. 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.

Although Mr. Thomas J. Lennon and his employees (particularly those named in the 'Management Structure') have no direct qualifications in relation Waste Management, all have gained valuable technical knowledge through working in the area for many years, under the existing Mayo County Council Waste Collection Permit (CW276) and Waste Facility Permit (PER 144).

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. A letter confirming the above from Lennon Quarries Ltd. bank is attached in the Waste Licence Application.

APPENDIX O

Lennon Quarries Ltd.

Glencastle, Bunnahowen, Ballina, Co. Mayo

DRAWING REGISTER & RECORD OF DRAWINGS ISSUED

TOBIN
Patrick J. Tobin & Co. Ltd.

PROJECT NO:	12084
SHEET:	1

DISTRIBUTION

CATEGORY	ORGANISATION	CONTACT NAME	GI	EM=ISSUED BY EMAIL, CD= ISSUED BY CD, #=NUMBER OF HARDCOPIES				
Client	Lennon Quarries Ltd.	Mr. TJ Lennon		1		1	1	1
	Tobin	Allison Auston			EM			
Government Organisation	EPA	Waste Licence Section				2		2
Local Authority	Mayo County Council - Planning	-					1	

STATUS: D=DRAFT, P=PLANNING, DS=DESIGN STAGE, T=TENDER, C=CONSTRUCTION

				DATE OF ISSUE				
			Day	22	05	27	19	17
			Month	12	01	01	05	06
			Year	08	09	09	09	09
			Issued by					

DWG. No:	DRAWING TITLE	SIZE	SCH	Current Revision					
2084-2600	Site Location - Map 1	A3		A	D-01		A	A	
2084-2601	Site Location - Map 2	A3		A	D-01	D-01	A	A	
2084-2602	Site Ownership Map	A3		A	D-01		A	A	
2084-2603	Site Layout Plan	A3		A	D-01		A	A	
2084-2604	Services Plan	A3		A	D-01		A		
2084-2605	Location of Site Notice	A3		A	D-01		A		
2084-2606	Proposed Environmental Monitoring Locations	A3		B	D-01	D-01	A	A	B
2084-2607	Existing Topographic Map of Application Site	A3		A	D-01		A	A	
2084-2608	Proposed Topographic Map of Application Site, Showing Final Ground Levels	A3		A			A	A	
2084-2609	Cross Sections A-A & B-B	A3		A			A	A	
2084-2610	Cross Sections C-C & D-D	A3		A			A	A	
2084-2611	Cross Section E-E	A3		A			A	A	
2084-2612	Existing & Proposed Site Infrastructure	A3		A			A	A	
2084-2613	Proposed Emission Points	A3		A			A	A	
2084-2614	Surface Water Drainage System Including Treatment / Abatement System	A3		B			A	A	B
2084-2615	Phasing Sequence For Waste Deposition	A3		A					A