

Attachment A.1.

Non-Technical Summary

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A.1. Introduction

The following Non-Technical summary has been provided in accordance with the requirements of Article 12 (1) (u) of the Waste Management (Licensing) Regulations, S.I. 395 of 2004.

All figures referred to within the Non-Technical Summary are included in Attachment N of the Waste Management Licence Application Document.

Clashford Recovery Facility Ltd., Ring Commons, Balbriggan, County Dublin intend to apply to the Environmental Protection Agency for a waste licence for the continued operation of its existing waste recovery facility on lands at Naul, Naul Townland, Co. Meath (National Grid Reference 313399E 261545N) (Refer to Figure A.1).

The nature of the development is the continued phased restoration of a sand and gravel pit using imported inert soils, stone, and recovery of inert construction and demolition waste. It is proposed that circa 90,000 cubic metres per annum of inert materials will be accepted to site.

The principal activity is Class 4 (recycling or reclamation of inorganic materials) of the Fourth Schedule of the Waste Management Act, 1996 to 2008. Other activities include Class 13 of the Fourth Schedule (temporary storage pending recycling or reclamation).

In Compliance with Article 12 (1) (u) of the Waste Management (Licensing) Regulations, S.I. 395 of 2004 we have presented below a non-technical summary of the information provided in accordance with paragraphs (a) to (t) of sub-article 12(1) of the said regulations.

A.1.(a) give the name, address and, where applicable, any telephone number and telefax number of the applicant (and, if different, the operator of the facility concerned), the address to which correspondence relating to the application should be sent and, if the applicant or operator is a body corporate, the address of its registered office or principal office,

Applicant's Details

Name*: CLASHFORD RECOVERY FACILITY LTD.

Address: NAUL TOWNLAND,

NAUL,

CO. MEATH

Tel: 01/ 841 1826

Fax: 01/ 841 2491

e-mail: kiernanplanthire@online.ie

Name and Address for Correspondence**Name:** J SHEILS PLANNING & ENVIRONMENTAL LTD**Address:** 31 ATHLUMNEY CASTLE,

NAVAN,

Co. MEATH

Tel: 046/ 9073997**Fax:** 046/ 9020618**e-mail:** johnsheils@jspe.ie**Address of registered or principal office of Body Corporate****Address:** CLASHFORD RECOVERY FACILITY LTD

RING COMMONS,

BALBRIGGAN,

CO. DUBLIN

Tel: 01/ 841 1826**Fax:** 01/ 841 2491**e-mail:** Not Applicable

A.1.(b) give the name of the planning authority in whose functional area the relevant activity is or will be carried on,

Name: MEATH COUNTY COUNCIL**Address:** PLANNING DEPARTMENT,

ABBAY MALL, ABBEY ROAD

NAVAN

Co. MEATH

Tel: 046/ 909 7000**Fax:** 046/ 909 7001

A.1.(c) in the case of a discharge of any trade effluent or other matter (other than domestic sewage or storm water) to a sewer of a sanitary authority, give the name of the sanitary authority in which the sewer is vested or by which it is controlled,

Not Applicable (Surface water run-off only)

A.1.(d) give the location or postal address (including, where appropriate, the name of the townland or townlands) and the National Grid reference of the facility or premises to which the application relates,

Name: CLASHFORD RECOVERY FACILITY LTD.

Address*: NAUL TOWNLAND,
NAUL,
CO. MEATH

Tel: 01/ 841 1826

Fax: 01/ 841 2491

e-mail: kiernanplanthire@online.ie

National Grid Reference (8 digit 4E,4N)	313399E, 261545N
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A.1.(e) describe the nature of the facility or premises concerned, including the proposed capacity of the facility or premises and, in the case of an application in respect of the landfill of waste, the requirements specified in Annex 1 of the Landfill Directive,

The nature of the development is the continued phased restoration of a sand and gravel pit using imported inert soils, stone, and recovery of inert construction and demolition waste. It is proposed that circa 90,000 cubic metres per annum of inert materials will be accepted to site.

The lands have been progressively restored subject to successive WMP's dating back to 2001. The phased scheme for final restoration of the area is shown by Figure B.2.4.

Volume of Void Space Remaining at Clashford Recovery Facility, The Naul, Co. Meath

Phase	Void Space m³	*Compacted Volume m³	**tonnes	Life Span
1	14000	15400	30800	0.2
2	192000	211200	422400	2.6
3	160000	176000	352000	2.2
Totals	366000	402600	805200	5

Notes:

- * An approximate settlement factor of 10% has been assumed following placement of materials.
- * Assumes 80,000 m³ recovered per annum (subject to market conditions).
- ** Assumes density of imported soils as 2 tonnes/m³

The nature of the development is the continued phased restoration of a sand and gravel pit using imported inert soils, stone and recovery of clean construction and demolition waste. It is estimated that c. 20,000 tonnes per annum of inert construction and demolition waste will be recovered at the facility. Recovered material will be used for internal haul roads and/or dispatched offsite.

A.1.(f) specify the class or classes of activity concerned, in accordance with the Third and Fourth Schedules of the Act and, in the case of an application in respect of the landfill of waste, specify the class of landfill in accordance with Article 4 of the Landfill Directive,

The principal activity is Class 4 (recycling or reclamation of inorganic materials) of the Fourth Schedule of the Waste Management Act, 1996 to 2008. Other activities include Class 13 of the Fourth Schedule (temporary storage pending recycling or reclamation).

A.1.(g) specify, by reference to the relevant European Waste Catalogue codes as presented by Commission Decision 2000/532/EC of 3 May 2000 11 , the quantity and nature of the waste or wastes which will be treated, recovered or disposed of,

Waste material	EWC Code	Quantity		On-site recovery/disposal ²
		Tonnes / month	m ³ / month	(Method & Location)
Concrete	17 01 01	1,670	835	Will be used to construct haul roads and hardstanding areas on site and/or processed for secondary aggregates As Above As Above As Above As Above As Above
Bricks	17 01 02			
Tiles & Ceramics	17 01 03			
Mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06	17 01 07			
Track ballast other than those mentioned in 17 05 07	17 05 08			
Mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	17 09 04			

Soil and stones other than those mentioned in 17 05 03	17 05 04	13,340 ↓	6,670 ↓	Used to restore sand & gravel pit workings
Dredging spoil other than those mentioned in 17 05 05	17 05 06			Used to restore sand & gravel pit workings

A.1.(h) specify the raw and ancillary materials, substances, preparations, fuels and energy which will be utilised in or produced by the activity,

The only waste to be accepted at the facility for recovery comprises inert soils and stone, and inert construction and demolition waste. As such the material does not undergo any form of processing involving the use of chemicals or additives.

The water supply for the site office and wheelwash is met by an existing borehole on site. On days requiring dust suppression water usage would amount to 5 to 10 m³ per day.

The only raw materials used on site are diesel, hydraulic oil and engine oil which will be used to operate diesel powered plant on site. The bunded fuel storage tank has a capacity of c.2,700 litres and is refilled bi-monthly.

Electricity will be used on site to power the office, site office, on site lighting and security camera. Energy requirements are low equivalent to a small domestic property.

A.1.(i) describe the plant, methods, processes, ancillary processes, abatement, recovery and treatment systems and operating procedures for the activity,

The attached Site Infrastructure Plans (Refer to Figures D.1.1 & D.1.2) indicate the location of all activities and identifies all buildings and facilities at the Recovery Facility.

Materials to be recovered will only be accepted from approved Contractors who are aware of the need for and who undertake strict segregation and sorting of waste prior to transporting it to the application site;

All truck loads entering the site are given a preliminary visual inspection from the gantry leading to the site office at the entrance. If the material is not considered acceptable the haulier is refused entry and directed to an appropriate Waste Management Facility. Details of all truckloads entering the site are entered into a logbook maintained by the operator.

Accepted materials will be subject to a Second inspection after each load is tipped at the restoration infill area within the site. Should a load of material indicate contamination of non inert material on inspection, the material is reloaded and the driver instructed to remove the load offsite to an approved facility.

Occasionally a load will contain minor contaminants (e.g. plastics, rebar, wood and paper). These items are removed on inspection by a site operative and stored in a designated quarantine area pending removal offsite by a licensed waste disposal contractor to an appropriate disposal facility.

Following the second inspection the material will be accepted and placed within the restoration (placement by bulldozer) area or in the case of topsoil placed in temporary storage awaiting final placement.

The lands have been progressively restored subject to successive WMP's dating back to 2001. The phased scheme for final restoration of the area is shown by Figure B.2.4.

The lands are to be restored to agricultural use by importation and recovery of inert materials in accordance with a phased restoration scheme. It is the intention to develop them for amenity/equestrian use.

A bulldozer is used to appropriately grade and compact the material to the desired profile as shown by the detailed plans and sections (Refer to Figures B.2.4 and B.2.5).

Once the topsoil is re-instated it will be seeded with a suitable mix of grasses suitable for pasture in order to quickly stabilise the topsoil. Once the grass sward has become established the restored farmland can be kept either as pasture, hay meadow or arable land. Part of the area has already been restored to pasture.

Redundant structures, plant equipment and stockpiles will be removed from site on cessation of pit activity.

Clean construction and demolition waste will either be placed directly on haul roads or temporarily placed in storage awaiting recovery.

Dust Abatement

A number of measures have been adopted to minimise dust emissions to the atmosphere from general site activity, internal haulage and tipping operations as follows:

- During dry weather the haul roads and stockpiles are sprayed with water to dampen any likely dust blows. A water bowser is maintained on site for this purpose.
- Consideration will be given to location of mobile plant so as to ensure that any principle dust sources cannot adversely affect sensitive off-site locations.
- Static and mobile wet dust suppression systems will be located at strategic points in the process if required.

- Drop heights are kept to a minimum by using short conveyors and maintaining stocks under the head drum load out points.
- A wheel wash facility has been installed on site and all vehicles are required to pass through the wheel wash on exiting the site.
- A sprinkler system has been installed on the site access road and is in operation during periods of dry weather.
- Main site haulage routes within the site shall be maintained with a good temporary surface, as is the case at present.
- All internal roadways will be adequately drained, to prevent ponding.
- The operator has purchased a road sweeper and ensures that the site entrance and adjoining public roadway is regularly cleaned. The sweeper is readily available at short notice to sweep up any materials which may accidentally fall onto the public roadway.

Suitable vegetation is to be provided on restored areas at the earliest opportunity

Surface Water Abatement

As the only material to be imported to site is "Soil and stone" and inert construction and demolition waste there will be no source of possible contamination of surface and/or ground waters. The reclamation scheme has been designed so that surface water will drain to the stream at the north eastern boundary.

The wash-water from the wheel-wash is recycled through a system silt lagoons with overflow to a surface water outlet.

Fuel stored on site is within a bunded covered (double skin) tank.

Oil and Waste oil products are stored under cover. All oil barrels and lubricants are stored on spill pallets/ spill trays. Waste oils are disposed of by a licensed waste contractor and removed off site.

Spill kits are also maintained on site and the Company will put in place an emergency response procedure for hydrocarbon spills and appropriate training of site staff in its implementation.

A temporary settlement facility has been provided at the northeast boundary for the collection and settlement of suspended solids prior to the water entering the surface drainage course. It is proposed to improve this settlement/polishing facility through construction of a reed bed/wetland system (Refer to Figure D.1.2).

The operator has put in place a programme of surface water monitoring (for suspended solids) so as to ensure the effectiveness of the settlement ponds in removing suspended solids.

Noise Abatement

A number of noise containment measures are proposed:

- The provision of temporary peripheral screen banks to screen site activities from outside views.
- General site activity will be within the existing pit and below the level of the nearest residences.
- The use of designated haul roads to ensure that site traffic is removed from nearest noise sensitive receptors.
- Regular maintenance of all plant and machinery is an integral part of site management and is important in helping to minimise noise impact.
- All plant and equipment will conform to noise emission limits set out in Statutory Instrument No. 320 of 1998 European Communities Construction Plant and Equipment- Permissible Noise Levels (Regulations, 1998) and amendment set out in Statutory Instrument No. 359 of 1996
- Noise monitoring can be carried out at four noise monitoring stations (N4-N7) in the vicinity of the nearest noise sensitive properties (Refer to Figure F 1) in accordance with any monitoring programme agreed with the EPA.

The results of monitoring to date shows that the development can comply with the noise level threshold as specified and as a consequence the development will have no significant effects regards noise levels in the area.

A.1.(j) provide information for the purpose of enabling the Agency to make a determination in relation to the matters specified in paragraphs (a) to (g) of section 40(4) of the Act,

Due consideration has been given to the requirements of Section 40(4)[(a) to (i)] of the Waste Management Acts 1996-2008 through preparation of the Waste Management Licence Application as follows.

An Environmental Management System is proposed to be put in place with continued environmental monitoring of noise, dust, surface and groundwater on site. Details with respect to control and abatement, accepted emission limit values and monitoring requirements are provided in the Waste Management Application (in particular refer to Attachment F). The measures proposed will ensure that emissions from the recovery activities will not result in the contravention of any relevant standard, including any standard for an environmental medium, or any relevant emission limit value.

Details with respect to the nature, scale, operation, impact, control and abatement, monitoring, closure and aftercare have been provided through preparation of the Waste Management Licence application. The measures proposed are considered adequate to ensure that the facility will continue to be operated in accordance with any conditions attached to the licence and the landfill directive so as not to cause environmental pollution.

The only waste to be accepted at the facility for restoration of the lands will comprise inert soils and stone, and inert construction and demolition waste. As such the material does not undergo any complicated process other than inspection prior to recovery and placement. As such there is little or no requirement to apply Best Available Technology (BAT) with respect to the recovery operations.

The continued operation of an inert waste recovery operation will significantly reduce the quantities of such waste currently being sent to landfill sites in the Region. As such, the proposed development is entirely consistent with the aims and objectives of both National Regional and Local government policy.

The applicant (Clashford Recovery Facility Ltd) or other relevant person have not been convicted under the Waste Management Acts 1996 to 2008, the EPA Act 1992 and 2003, the Local Government (Water Pollution) Acts 1977 and 1990 or the Air Pollution Act 1987.

Clashford Recovery Facility Ltd is an established small family run business based in Naul, Co Meath. Mr Larry Kiernan – Facility Manager will be responsible for the overall management of the facility including implementation of the proposed Environmental Management System. The facility manager has over 30 years experience including 6 years in operating & Managing the existing Waste Recovery Management Facility.

In accordance with the existing planning permissions for the site the operator has to maintain bonds to the value of about €93,000 to secure the satisfactory completion and restoration of the site, coupled with an agreement empowering the planning authority to apply such

security or part thereof to the satisfactory completion and restoration, including all necessary demolition and removal.

The Company has sufficient working capital to meet any financial liabilities including provision the restoration bonds as detailed above.

The only raw materials used on site are diesel, hydraulic oil and engine oil which will be used to operate diesel powered plant on site. Electricity will be used on site to power the office, site office, on site lighting and security camera. Energy requirements are low equivalent to a small domestic property. Energy efficiencies will be achieved by using modern plant and equipment and servicing the equipment on a scheduled basis.

Noise emissions generated from the site activity will continue to be monitored and controlled to an acceptable standard as conditioned under the existing planning permissions and any further conditions under an EPA waste licence for the proposed restoration of the site.

A.1.(k) give particulars of the source, location, nature, composition, quantity, level and rate of emissions arising from the activity and, where relevant, the period or periods during which such emissions are made or are to be made,

Air

The materials to be recovered are principally “soils and stone” and inert construction and demolition waste. Any dust generated by the operation will comprise inert particulate matter. Dust emanates from the placement of materials, the movement of vehicles on internal roads and loading and processing operations. However the effect of wind is also an important factor in dust generation and problems may arise at reclamation workings when both factors arise simultaneously. The impact of fugitive dust will be direct, temporary and non-cumulative and largely confined to the application site.

Surface Water

As the only material to be imported to site is “Soil and stone” and inert construction and demolition waste there will be no source of possible contamination of surface waters. The reclamation scheme has been designed so that surface water will drain to the stream at the north eastern boundary. The wash-water from the wheel-wash is recycled through a system of silt lagoons with overflow to a surface water outlet-

A temporary settlement facility has been provided at the northeast boundary for the collection and settlement of suspended solids prior to the water entering the surface drainage course. It is proposed to improve this settlement/polishing facility through construction of a reed bed/wetland system (Refer to Figure D.1.2).

Sewer

On site activities will not discharge to any sewerage system. It is proposed to continue using the existing toilet facility, septic tank and percolation area.

Groundwater

As the only material to be imported to site is "Soil and stone" and inert construction and demolition waste there will be no source of possible contamination of ground waters. Due to the nature of material to be deposited the potential for pollution to the underlying aquifer and the surface watercourses will be limited.

Noise

The main source of noise and vibration on site is from:

- Movement of trucks on internal haul roads and tipping of material
- Bulldozer placing and grading the infill material
- Processing Plant

In general the future restoration works will be further removed from the nearest noise sensitive residences in the area. Noise monitoring to date has shown that site activity at the existing facility are within accepted thresholds for this type of development.

A.1.(l) give details, and an assessment of the effects, of any existing or proposed emissions on the environment, including any environmental medium other than that into which the emissions are, or are to be, made, and of proposed measures to prevent or eliminate or, where that is not practicable, to limit or abate such emissions,

Air

The materials to be recovered are principally "soils and stone" and inert construction and demolition waste. Any dust generated by the operation will comprise inert particulate matter.

Dust emanates from the placement of materials, the movement of vehicles on internal roads loading and processing operations. However the effect of wind is also an important factor in dust generation and problems may arise at reclamation workings when both factors arise

simultaneously. The impact of fugitive dust will be direct, temporary and non-cumulative and largely confined to the application site.

Routine dust deposition monitoring is carried out in compliance with condition No. 8 of planning permission P.A Reg. Ref. QY/36 (17.QC.2085) which states that the total dust deposition (soluble and insoluble) arising from the onsite operations associated with the development shall not exceed 350 milligrams per square metre per day averaged over a continuous period of 30 days.

The following table of dust monitoring results shows that the existing development is well within accepted standards for this type of development.

Station	Monitoring Period	Result (mg/m ² /day)
A2-4	21/04/08 to 21/05/08	22
A2-5	21/04/08 to 21/05/08	5

A number of measures have been adopted to minimise dust emissions to the atmosphere from general site activity, internal haulage, processing and tipping operations (Refer to Section A.1.(i) above).

It is considered given the nature of the activity, control and abatement measures and management of the existing recovery facility that emissions of pollutants (as defined in Waste Management Acts 1996 to 2003 and Air Pollution Acts 1992 and 1987 respectively) to the atmosphere are not likely to impair the environment (i.e. be injurious to public health, or have a deleterious effect on flora or fauna or damage property, or impair or interfere with amenities or with the environment).

Surface Water

As the only material to be imported to site is "Soil and stone" and inert construction and demolition waste there will be no source of possible contamination of surface waters. The reclamation scheme has been designed so that surface water will drain to the stream at the north eastern boundary. A temporary settlement facility has been provided at the northeast boundary for the collection and settlement of suspended solids prior to the water entering the surface drainage course.

The operator has put in place a programme of surface water monitoring (for suspended solids) so as to ensure the effectiveness of the settlement ponds in removing suspended solids. Monitoring is carried out upstream, downstream and at the discharge point. It is proposed to continue to carryout monitoring of the stream upstream (SW1), discharge point

(SW2) and Downstream (SW3) in accordance with any monitoring programme agreed with the EPA.

Ground/groundwater emissions

It is envisaged that the inert materials used for the restoration of the site will not cause a pollution risk to the ground/groundwater in the area of the site.

A detailed hydrogeological risk assessment was commissioned in support of this application. This report addresses both surface and groundwater issues pertaining to the site.

A detailed ground investigation study of both the lands restored and currently under restoration has been carried out. This report provides a description of the geological character of the already-infilled subsoils on the site and details the nature, extent and complexity of the geological material from the surface downwards through this mineral subsoil. Trial pits and a visual assessment of the site were completed in the field. In general the imported material was found to comprise clean brown and black boulder clays with very little detritus material.

Noise

The lands are being restored to agricultural use by importation and recovery of inert materials in accordance with a phased restoration scheme. Designated internal haul roads are used to direct site traffic to the current tipping area. A bulldozer is used to appropriately grade and compact the material to the desired profile as shown by the detailed plans and sections (Refer to Figures B.2.4 and B.2.5). There is also intermittent noise associated with the sand and gravel pit and Construction and Demolition processing operations.

The principle concern in respect of potential noise emissions from the development is the effect on residential amenity. Properties within the vicinity of the development are shown on Figure B.2.2. As shown the nearest noise sensitive locations are along the R108 Regional road to the west of the existing site.

The main noise sources in the area are from the R108 Regional Road and an adjacent concrete batching plant. The area of restored lands completed to date adjoins the north western boundary of the site. In general the future restoration works will be further removed from the nearest noise sensitive residences in the area. Noise monitoring to date has shown that site activity at the existing facility are within accepted thresholds for this type of development.

Noise resulting from the operations can be kept to acceptable levels by the implementation of good design, effective operation and management and by the adoption of 'best practices'. Reducing noise at source wherever possible is the most effective way of minimising the impact but barriers and screens between noise source and receptor can also be used to very good effect. A number of noise containment measures are proposed (Refer to Section A.1.(i) above).

A.1.(m) identify monitoring and sampling points and indicate proposed arrangements for the monitoring of emissions and the environmental consequences of any such emissions,

Air

The existing waste management permit (WMP 2005/25) states that "*dust deposition shall not exceed 350mg/sq.m/day, average over 30 days, when measured at site boundaries. The developer shall carryout twice-yearly dust monitoring at the locations indicated in the application*".

In order to comply with this condition the operator set up a dust monitoring programme using Bergerhoff Dust Gauges. Two dust monitoring stations (A2-4, A2-5) were established at the site boundary (Refer to Environmental Monitoring Plan Figure F 1). Following discussion with the Environmental Protection Agency (EPA) it has been agreed to include a further two monitoring locations so as to account for prevailing winds.

The above standard is also in accordance with guidance issued by both the Department of the Environment and the EPA in relation to dust deposition monitoring for these types of developments and will continue to be applied.

This programme will allow on-going monitoring of fugitive dust emissions from the site, thereby assisting in ensuring compliance with any future requirements or regulations.

Surface Water

The operator has put in place a programme of surface water monitoring (for suspended solids) so as to ensure the effectiveness of the settlement ponds in removing suspended solids. Monitoring is carried out upstream, downstream and at the discharge point. It is proposed to continue to carryout monitoring of the stream upstream (SW1), discharge point (SW2) and Downstream (SW3) and for a suite of parameters to be agreed with the Environmental Protection Agency. It is not considered that the surface water discharge from the site will result in any significant effect on the quality of the receiving waters.

Groundwater

An on-site groundwater monitoring program should be established, ideally comprising the monitoring of one up-gradient groundwater borehole and two down-gradient groundwater monitoring boreholes. It is recommended that 1-2 new down-gradient groundwater monitoring points are established along the lower southern boundary of the site adjacent to the Delvin River and in the immediate down-gradient direction of groundwater flow beneath the pit area. The locations of the monitoring points GW1 to GW4 are shown on the attached Environmental Monitoring Plan Figure F.1.

It is proposed to monitor these wells in accordance with the conditions as attached to the waste licence for the facility. It is not considered that any discharge of surface water run-off to ground will result in any significant effect on the quality of the groundwater.

Noise

The operator has established an environmental monitoring programme to include noise monitoring. Noise levels will continue to be monitored in accordance with ISO 1996/1 – 1982 (E) *“Acoustics – Description and measurement of environmental noise”*.

Following discussion with the EPA it has been agreed to include a further two monitoring locations (N6, N7). In total the four noise monitoring stations correspond with the dust monitoring locations and include the nearest noise sensitive locations (Refer to Figure F.1). It is proposed to carry out noise monitoring on a bi-annual basis.

In accordance with the Environmental Protection Agency Integrated Pollution Control Licensing Guidance note for Noise in relation to Scheduled Activities 2nd Edition (2006) *“the noise attributable to on-site activities should not generally exceed a free-field L_{A,T} value of 55 dB by daytime (08:00 – 22:00), at any noise sensitive location. During night-time (22:00 – 08:00), the noise attributable to on-site activities should not exceed a free-field L_{Aeq, T} value of 45 dB”*.

It is therefore considered that the above EPA threshold should be applied for this development as this limit is a recognised standard within the industry and is a limit that is set by most of the Local Authorities. These levels are consistent with guidance issued by the Department of the Environment: *“Quarries and Ancillary Activities – Guidelines for Planning Authorities (2004) DOEHLG”* and the EPA *“Environmental Management in the Extractive Industry (Non-Scheduled Minerals) Environmental Management Guidelines (2006)”*.

The results of monitoring to date shows that the development can comply with the noise level threshold as specified and as a consequence the development will have no significant effects regards noise levels in the area.

This programme will allow on-going monitoring of noise emissions from the site, thereby assisting in ensuring compliance with any future requirements or regulations.

Through implementation of the proposed mitigation measures it is considered the development will continue to have no significant effects with regard to noise levels on the local residences, their property, livestock and amenity.

A.1. (n) describe any proposed arrangements for the prevention, minimisation and recovery of waste arising from the activity concerned,

Occasionally a load will contain minor contaminants (e.g. plastics, metal, wood and paper). These items are removed on inspection by a site operative and stored in a designated quarantine area pending removal offsite by a licensed waste disposal contractor to an appropriate recovery/disposal facility.

Waste oil products are stored within the existing container on site. Waste oils are disposed of by a licensed waste contractor and removed off site. All oil barrels and lubricants are stored on spill pallets/ spill trays. Spill kits are also maintained on site and the Company will put in place an emergency response procedure for hydrocarbon spills and appropriate training of site staff in its implementation.

A.1.(o) describe any proposed arrangements for the off-site treatment or disposal of solid or liquid wastes,

Occasionally a load will contain minor contaminants (e.g. plastics, rebar, wood and paper). These items are removed on inspection by a site operative and stored in a designated quarantine area pending removal offsite by a licensed waste disposal contractor to an appropriate disposal facility.

A.1.(p) describe the existing or proposed measures, including emergency procedures, to prevent unauthorised or unexpected emissions and minimise the impact on the environment of any such emissions,

The operator is to put in place an Environmental Management System (EMS) which will address such matters as Emergency Preparedness & Response in dealing with accident and emergency situations resulting in effects on the environment.

An emergency telephone contact list is maintained at the site inspection office.

It is considered that accidents and emergency situations resulting in effects on the environment is confined to possible emissions to surface and/or groundwater in the event of a fuel spillage. As such the following Emergency/Spill Response Procedures will be put in place.

The main risk associated with oil or chemical spills is the potential for the spill to enter drains, watercourses, soils and the ground water system, causing contamination and / or fire or explosion risk.

It should be noted that significant emphasis has been placed on control and abatement measures to ensure there is no risk to surface and /or groundwater i.e.

- Fuel stored on site is within a bunded (double skin) tank.
- Waste oil products are stored within the existing container on site. Waste oils are disposed of by a licensed waste contractor and removed off site.
- All oil barrels and lubricants are stored on spill pallets/ spill trays.
- Spill kits are also maintained on site.
- Any inappropriate materials discovered (e.g. glass, plastic, timber, steel, etc) will be stored within the designated quarantine area awaiting removal off site by an approved waste collection contractor to an approved facility.

A.1.(q) describe the proposed measures for the closure, restoration, remediation or aftercare of the facility concerned, after the cessation of the activity in question,

The lands are to be restored to agricultural use by importation and recovery of inert materials in accordance with a phased restoration scheme. On completion of each phase of development final restoration including grading, seeding and landscaping will be carried out. The final contours and topography for the site is shown by the Final Landform Plan Figure B.2.4 and Cross Sections B.2.5.

Redundant structures, plant equipment and stockpiles will be removed from site on cessation of pit activity.

There will be no on-going requirement for environmental monitoring after extraction operations have ceased. A final site inspection 6 months after site closure will be carried out

to ensure that the final site restoration scheme implemented is functioning and progressing as required.

A.1.(r) in the case of an application in respect of the landfilling of waste, give particulars of –

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

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

In accordance with the existing planning permissions for the site the operator has to maintain bonds to the value of about €93,000 to secure the satisfactory completion and restoration of the site, coupled with an agreement empowering the planning authority to apply such security or part thereof to the satisfactory completion and restoration, including all necessary demolition and removal.

The Company has sufficient working capital to meet any financial liabilities including provision the restoration bonds as detailed above.

A.1.(s) state whether the activity is for the purposes of an establishment to which the European Communities (Control of Major Accident Hazards Involving Dangerous Substances) Regulations 2000 (S.I. No. 476 of 2000) apply,

The European Communities (Control of Major Accident Hazards involving Dangerous substances) Regulations, 2000 (S.I. No. 476 of 2000) do not apply as the establishment only accepts inert material for recovery.

A.1.(t) in the case of an activity which gives rise or could give rise to an emission into an aquifer containing the List I and II substances specified in the Annex to Council Directive 80/68/EEC of 17 December 1979, describe the existing or proposed arrangements necessary to give effect to Articles 3, 4, 5, 6, 7, 8, 9 and 10 of the aforementioned Council Directive,

Groundwater for the site has been shown by monitoring to be of a high quality suitable for drinking. It is not anticipated that any List I and List II substances will be discharged to groundwater from the inert Waste Recovery Facility

Attachments - Section B

General

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B.2.4	Site Restoration Plan
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Attachment B.1 - Applicant Details

B.1 Applicant Details

The applicant, Mr. Larry Kiernan of Clashford Recovery Facility Ltd is the landowner.

Figure B.1.1 shows the Ownership of the land (colored blue).

B.1. (a). A Copy of the Certificate of Incorporation

A copy of the Certificate of Incorporation is attached to this section

B.1. (b). Company's Registration Number

The Company Registration Number is 368960

B.1. (c). List of Company Directors.

The Company Directors are Larry Kiernan and Bernie Kiernan

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B.1. (a). A Copy of the Certificate of Incorporation

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Consent of copyright owner required for any other use.*

Number 368960

Certificate of Incorporation

I hereby certify that

CLASHFORD RECOVERY FACILITIES LIMITED

is this day incorporated under
the Companies Acts 1963 to 2001.
and that the company is limited.

Given under my hand at Dublin, this
Monday, the 24th day of March, 2003



for Registrar of Companies

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Attachment B.2 - Location of Activity

The site is located in the Naul Townland, Naul, County Meath. Grid Reference E313399, N261545.

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Attachment B.3 Planning Authority

The lands have a history of sand and gravel working dating back to at least the early 1980's. These lands were worked under a succession of planning permissions.

The lands forming the Waste Licence Application area are being restored under the terms and conditions of planning permissions P.A. Reg. Ref.QY36, QC 17.QC2085 and P.A. Reg. Ref. 85/512, PL.17/5/72181. Copies of these planning permissions including schedule of conditions are attached (Refer to Attachment B.3.1).

The site was also granted a Waste Management Permit from Meath County Council (Waste Permit Reg. No. WMP 2005/25) refer to attachment B.3.2.

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ATTACHMENT B.3.1 – Planning Permissions

Copy of Planning Permission P.A. Reg. Ref. 85/512, PL.17/5/72181

Copy of Planning Permission P.A. Reg. Ref.QY36, (QC 17.QC2085)

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AN BORD PLEANALA

LOCAL GOVERNMENT (PLANNING AND DEVELOPMENT) ACTS, 1963 TO 1983

County Meath

Planning Register Reference Number: 85/512

APPEAL by P. & B. Connolly Limited, care of Patrick MacSweeney, 15 Trimleston Gardens, Blackrock, County Dublin, against the decision made on the 21st day of July, 1986, by the Council of the County of Meath, to refuse permission for development comprising the extraction of sand and gravel at Clashford, The Naul, County Meath, in accordance with plans and particulars lodged with the said Council:

DECISION: Pursuant to the Local Government (Planning and Development) Acts, 1963 to 1983, it is hereby decided, for the reason set out in the First Schedule hereto, to grant permission for the said development in accordance with the said plans and particulars, subject to the conditions specified in the Second Schedule hereto, the reasons for the imposition of the said conditions being as set out in the said Second Schedule and the said permission is hereby granted subject to the said conditions.

FIRST SCHEDULE

It is an objective of the County Meath Development Plan, 1981, to facilitate the economic development of the County's mineral resources, subject to appropriate environmental controls. The proposal is in accordance with this objective, which is considered reasonable, and would represent a logical extension of the existing sand and gravel pit immediately to the south. It is, therefore, considered that the proposed development would be in accordance with the proper planning and development of the area, subject to compliance with the conditions set out in the Second Schedule hereto.

SECOND SCHEDULE

1. The duration of this planning permission shall be for a period of ten years from the date of this order.

Reason: To facilitate the development programme, having regard to the extraction of sand and gravel on adjoining lands, and to the nature and extent of the proposed development.

2. Prior to the commencement of development on the site, detailed plans for the phased concurrent excavation and restoration of the site shall be submitted to and agreed with the planning authority or, failing agreement, shall be as determined by An Bord Pleanála. Proposals for restoring the site on a phased basis shall include the storage of both topsoil and subsoil, the proposed finished contours, the soil cover, drainage, and provisions to ensure the feasibility of agricultural after-use of the site. The site shall be re-instated in accordance with such agreed plans.

Reason: To protect the amenities of the area and to ensure a satisfactory rehabilitation of the site for subsequent agricultural use.

SECOND SCHEDULE (CONTD.)

3. Details of the phasing of the excavation of the site shall be submitted to and agreed with the planning authority prior to the commencement of excavation of the site.

Reason: To minimise the environmental impact of the proposed development.

4. Emissions of dust during periods of dry windy weather shall be contained or suppressed by spraying. Dust fall-out at any point beyond the boundary of the combined existing and proposed sites shall not exceed 180 milligrams per square metre per day. The developer shall employ the best practical means to contain and suppress dust at the site. All out-going trucks or other vehicles transporting sand or gravel shall have their loads sprayed with water. Wheel washing facilities shall also be provided and used on all vehicles before leaving the site. All conveyors carrying dry materials shall be completely enclosed to prevent escape of dust.

Reason: To protect the amenities of the surrounding areas.

5. Atmospheric monitoring of dust particles in the air, to ensure compliance with condition number 4 above, shall be carried out by the developer at points and frequencies to be agreed with the planning authority prior to the commencement of development.

Reason: To ensure effective control of development.

6. The noise emission from within the site shall not exceed a continuous equivalent level of 50 dBA when measured at a distance of 3.5 metres from the facade of the nearest house on the public road to the west of the site. No blasting shall be allowed.

Reason: To protect the amenities of the surrounding areas.

7. No effluent shall be discharged to an open drain or watercourse in such a manner as to cause silting, pollution or damage to fish life. All wash water shall be adequately treated prior to discharge. No new settling pond shall be constructed without prior permission of the planning authority or of An Bord Pleanála on appeal.

Reason: To prevent water pollution and in the interests of public health.

SECOND SCHEDULE (CONTD.)

8. No old vehicles, or any other waste shall be stored on the site. All plant, machinery and structures shall be removed at such time or times as they are no longer required in connection with the winning and working of sand and gravel authorised by this permission.

Reason: To protect the amenities of the area.

9. No excavation shall take place outside the 27 acre area shown outlined in red on the site location map lodged with the planning authority on 16th April, 1985. All excavated sites shall be made safe by grading of the sites in a manner satisfactory to the planning authority.

Reason: To protect the amenities of adjoining properties and to facilitate the satisfactory restoration of the entire area subsequent to its excavation.

10. The hours of operation of the gravel pit shall be 0800 to 2000 hours, Monday to Friday, inclusive. Any operation outside these hours shall be with the specific written agreement of the planning authority for each specific period of intended operations.

Reason: To protect the residential amenities of the area.

11. Prior to the commencement of excavation of the site, the developer shall lodge with Meath County Council security by way of a cash deposit, a bond of an approved insurance company or other guarantee for completion of the rehabilitation works. The amount of the security shall be a sum of money equivalent to the value of £17,000 as at 1st January, 1987, and updated in accordance with the Wholesale Price Index - Building and Construction (Capital Goods), as published by the Central Statistics Office, to the value pertaining at the time of payment. The type and duration of the security provided shall be such as to satisfy the planning authority as to the satisfactory completion of the rehabilitation work.

The capital sum and accrued interest, or the approved indemnity bond, or any portion thereof, shall be available to the planning authority and may be used by them to secure the satisfactory completion of re-instatement works required by condition number 2 above, in default of such completion by the developer. When the planning authority are satisfied that the works have been satisfactorily completed, any sums remaining shall be repaid to the developer.

Reason: To ensure the satisfactory completion of the development.

SECOND SCHEDULE (CONTD.)

12. The developer shall pay to the planning authority a sum of money equivalent to the value of £27,000 as at 1st January, 1987, and updated in accordance with the Wholesale Price Index - Building and Construction (Capital Goods), as published by the Central Statistics Office, to the value pertaining at the time of payment, towards the cost of road improvements in the area to facilitate the development. Payment of the contribution shall be as follows:

- one-third to be paid prior to the commencement of development on the site,
- one-third to be paid within 18 months of such commencement;
- one-third to be paid within 36 months of such commencement.

The developer shall enter into a legal agreement acceptable to the planning authority to provide satisfactory security for the payment of these amounts prior to the commencement of excavation on the site.

If the work relating to any additional expenditure which is to be carried out on road improvement is not carried out or is carried out only in part in the twelve month period following the payment of each instalment, then an appropriate amount of money shall be returned to the developer. Interest shall be paid at an agreed rate to the developer on each instalment so long and so far as it is unexpended by the planning authority. If the appropriate amount or the interest rate cannot be agreed, these matters shall be as determined by An Bord Pleanála.

Reason: It is considered reasonable that the developer should contribute towards the cost of road improvements which will facilitate the proposed development.


13. The developer shall contribute annually towards the costs actually incurred by the planning authority in the previous twelve months in carrying out check monitoring, sampling and testing in relation to all or any of the environmental standards required by the terms of this permission. The amount of the contribution shall be as agreed with the planning authority or, in default of such agreement, shall be as determined by An Bord Pleanála.

Reason: It is considered reasonable that the developer should contribute towards such costs, which will facilitate effective implementation of this permission.

SECOND SCHEDULE (CONTD.)

14. Sufficient off-street car parking spaces shall be provided for all parking generated by the development within the site or on adjoining lands within the ownership or control of the developer.

Reason: In the interests of traffic safety.



Member of An Bord Pleanála duly
authorised to authenticate the
seal of the Board.

Dated this 26th day of January 1987.

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Comhairle Chontae na Mí
Halla an Chontae, An Uaimb, Contae na Mí
Fón: 046-9097000 / Fax: 046-9097001
E-mail: info@meathcoco.ie
Web: www.meath.ie



Meath County Council
County Hall, Navan, Co. Meath
Tel: 046-9097000 / Fax: 046-9097001
E-mail: info@meathcoco.ie
Web: www.meath.ie

Our Ref: QY/36.

Planning Section.
18th April, 2007.

**Clashford Recovery Facility Ltd.,
Ring Commons,
Balbriggan,
Co. Dublin.**

**Re: QY/36 – Application for Registration of a Quarry under Section 261 of the
Planning & Development Act, 2000.**

Dear Sir,

I refer to your application received by the Planning Authority on 26th April, 2005 for registration of a quarry at Naul, Co. Meath under Section 261 of the Planning & Development Act, 2000.

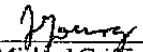
I refer also to letter dated 12th December, 2006 from the Planning Authority to you together with a draft schedule of conditions. I note that you made a submission in respect of the draft schedule of conditions.

The Planning Authority having considered your application, and your submission in respect of the draft schedule of conditions, have decided to restate, modify or add conditions (21 conditions) under Section 261 (6)(a)(ii) of the Planning & Development Act 2000 on the operation of the quarry as set out in the schedule of conditions attached.

You may appeal the decision of the Planning Authority to restate, modify or add conditions in accordance with subsection (6) to An Bord Pleanála within four weeks from the date of receipt of notification by the authority of those conditions.

NOTE: For information on Appeals you can contact An Bord Pleanála at: Tel: 01-8588100 or LoCall: 1890 275 175 Fax: 01-8722684 E-mail: bord@pleanala.ie
Web: www.pleanala.ie

Yours faithfully,

MP 
Michael Griffin,
Senior Executive Officer.

Quarry Ref. QY/36 – Clashford Recovery Facility Ltd. at
Naul, Co. Meath,

SCHEDULE OF CONDITIONS

1. The quarry shall be operated in accordance with the plans and particulars submitted to the Planning Authority except where amended by Conditions hereunder.

Reason: In the interest of proper planning and sustainable development.

2. This permission shall be for a period of 10 years from the beginning of the commencement of the date of this order. After this period, all plant and machinery items shall be removed from the site and the land shall be restored to agricultural use. No quarrying/excavation shall be permitted outside the area shaded green (or outside blue line) as identified on the site plan submitted to the Planning Authority on the 26/04/2005 unless a separate grant of planning permission has been obtained.

Reason: To define the extent of this permission and in the interests of orderly development.

3. Within 6 months of the date of this order, the owner/operator of the quarry shall agree
 1. the exact area of the quarry within which future extraction shall be confined.
 2. the maximum depth of quarry excavation.

Reason: In the interests of orderly development.

4. The quarry shall only operate between the hours of 08:00am and 6:00pm hours Monday to Friday and 08.00am and 2.00pm Saturday. The quarry shall not operate on Sundays or public holidays.

Reason: In the interests of residential amenity.

5. The quarry entrance shall be adequately signed from both directions on all approach roads and at the quarry entrances. Signs to be placed and maintained at approximately 150m from the quarry roadside entrance and shall be located so that they do not create a traffic hazard. Details of sightlines along the public road at the entrance to the site, of road signage warning the public of the entrance and of proposals for traffic management at the site entrance shall be submitted to and agreed in writing with Meath County Council within 6 months of the date of this order.

Reason: In the interests of traffic safety.

QY/36

6. The noise levels associated with day-to-day quarrying activity, when measured from any house in the vicinity of the quarry, shall not exceed 55 dB (A) leq over a measured time interval of one hour by day time and shall not exceed 45 dB (A) leq over a measured time of 15 minutes by night time. These levels may be exceeded to allow temporary but exceptionally noisy phases in the extraction process or for short term construction activity which is required to bring long-term environmental benefits following written consent by Meath County Council.

Reason: In the interests of residential amenity.

7. A noise survey and assessment programme shall be undertaken to assess the impact of noise emissions from the quarry and submitted to the Planning Authority for agreement and approval. The surveys and assessments shall as a minimum involve the following elements:

The measurement and assessment of noise levels at three noise sensitive locations (NSLs). The NSLs shall include the most vulnerable NSLs by reason of their proximity or elevation and all monitoring positions shall be agreed by the Planning Authority within 6 months from date of this order.

A comprehensive evaluation of all pertinent acoustical factors; including tonal elements, impulsive elements, and extraneous noise during the noise measurements.

A log of meteorological conditions, including cloud cover, precipitation, temperature, humidity and wind speed and direction for the duration of the noise measurements.

A log of all operating quarry plant and equipment shall be compiled for the duration of the noise measurements. This log shall also include details of the location of quarry plant and equipment.

Consideration shall be given to current noise assessment guidance published by the Environmental Protection Agency (EPA), e.g. EPA (2003) Environmental Noise Survey Guidance Document.

Where possible the assessment shall include details of the noise attributable to the quarry as opposed to the overall ambient noise and where necessary this may require short-term sampling techniques or the use of specialist acoustical equipment and/or software.

A detailed report on the noise assessment shall be prepared by a competent person and submitted to the Planning Authority within 4 weeks of the survey work being done.

QY/36

The noise assessment shall be undertaken in accordance with ISO1996/1-Acoustics-Description and Measurement of Environmental Noise Part 1(First Edition, 1982); Part 2, 1987 (E); and Part 3, 1996-3:1987 (E). As part of the assessment, appropriate penalties for tonal and impulsive elements should be applied to the measure LAeq values in accordance with ISO 1996 Part 2, 1987 (E) and ISO 9612, 1997(E), to determine the appropriate rating level (LA_rT).

If any doubt or dispute arises about the presence of an impulsive noise, then an objective assessment technique must be used, e.g., ISO 1996-2(1987). This method shall involve measuring the difference between the A-weighted sound pressure level, determined with time-weighting characteristic I, averaged over the same time interval, and LAeq,T. A value of greater than 2dB (i.e., where LA_{1eq}, T - LAeq, >2) indicates an impulsive characteristic (ISO 9612,1997(E)).

The above quoted methods shall be used to assess compliance with the pertinent noise limits. Alternative assessment methodologies or procedures shall be agreed in advance with the Planning Authority.

Reason: To ensure effective monitoring of the development, to protect amenities of adjacent properties and in the interest of the proper planning and development of the area.

8. The total dust deposition (soluble and insoluble) arising from the on site operations associated with the development shall not exceed 350 milligrams per square metre per day averaged over a continuous period of 30 days. No stripping of topsoil or overburden shall be carried in periods of dry and windy weather.

Reason: To protect the amenities of properties in the vicinity

9. No surface water shall be allowed to flow from the site onto the public road.

Reason: In the interest of traffic safety and to avoid pollution.

10. The developer shall not discharge any wastewaters within the proposed site to any existing ditches or watercourses unless otherwise agreed in writing with Meath County Council.

Reason: In the interest of environmental protection.

11. All surface water run-off from roads and paved areas shall be directed through adequately sized and located oil/petrol interceptors before discharge to surface water drainage. Refuelling should only take place on such paved areas with interceptors.

The developer shall ensure that all on site oil/petrol interceptors are adequately serviced and maintained. Detailed records of such services shall be kept on site.

Reason: In the interest of environmental protection.

QY/36

12. All overground oil or other chemical storage tanks shall be adequately bunded to protect against oil spillage. Bunding should be impermeable and capable of retaining a volume equal to 110% of the capacity of the largest tank. Drainage from bunded areas should be collected and disposed of in a safe manner. The integrity and impermeability of such structures should be assessed by the independent body annually (or as may otherwise be agreed in writing with Meath County Council) and a report submitted to Meath County Council. All waste oil should be removed from the site and disposed of to the satisfaction of Meath County Council.

Reason: In the interest of environmental protection.

13. The developer shall maintain on site an adequate supply of containment booms and suitable absorbent materials to contain and absorb any spillage.

Reason: In the interest of environmental protection.

14. The developer shall carry out monitoring of surface water and groundwater in the vicinity of the site. The monitoring locations, frequency of sampling and suite of water quality parameters to be tested for should be as agreed in advance with, and reported to Meath County Council. Monitoring should be carried out on a quarterly basis (or as otherwise agreed in writing with Meath County Council) and commenced within 16 weeks of the date of this order.

Reason: To protect the environment

15. The developer shall forward within 6 months of the date of this order, details of the current and proposed sewage treatment/disposal arrangements for the office/showers/drying rooms etc. to the Meath County Council for consideration. The developer shall carry out works to upgrade or provide such facilities where required within 12 weeks of receipt of notice to do so.

Reason: For the protection of public health and to avoid water pollution.

16. Within 6 months of the date of this order, the developer shall submit in writing to the Planning Authority a landscaping and restoration programme for the site for written agreement by Meath County Council. Phased restoration should be considered where appropriate. The site shall be fully restored in accordance with the agreed plans following the ceasing of the quarrying and extraction operation on site.

Reason: To ensure satisfactory completion of the development and in the interests of visual amenity.

17. The vibration levels from blasting (if occurring) shall not exceed a peak velocity of 12 mm/second measured in any three mutually orthogonal directions at any sensitive location.

QY/36

Blasting shall not give rise to air overpressure values at sensitive locations which are in excess of 125 dB (Lin) max peak.

A suitable monitoring programme shall be developed to assess the impact of quarry blasts. Details of this programme shall be agreed in advance with the Planning Authority. A survey and an assessment shall be undertaken during every blast and as a minimum this shall involve the following elements:

The measurement and assessment of peak particle velocity and air overpressure at two locations by way of a dedicated survey. The monitoring locations shall include the most vulnerable receptor positions by reason of their proximity and/or ground/ site conditions and all monitoring positions shall be agreed with the Planning Authority in advance of the survey.

A log of meteorological conditions, including cloud cover, precipitation, temperature, humidity and wind speed and direction for the duration of the noise measurements.

Consideration shall be given to current vibration assessment guidance published by the Environmental Protection Agency or other competent authority.

Details of the proposed blast assessment techniques, the proposed instrumentation, calibration records and the competent persons responsible for monitoring shall be agreed in advance of the monitoring programme commencing.

A detailed report on the blast assessment shall be prepared by a competent person and submitted to the Planning Authority within 4 weeks of the survey work.

Advance warning signals indicating that blasting operations are about to commence and "all clear" signals indicating that the blasting operations have been completed shall be given (by means of sirens or other audible devices operated by the developer) to members of the public within 500 metres of the location of such blasting operations. The signalling arrangements shall be as agreed between the developer and the planning authority.

An annual review of all blast monitoring data shall be undertaken by a competent and qualified person, the results of which shall be submitted to the Planning Authority within two weeks of completion.

Reason: In the interest of public safety and to protect the amenities of the property in the vicinity.

QY/36

18. The quarry operator shall undertake a hydrogeological assessment to identify the groundwater flow regime operating in the vicinity of the facility, and the receiving waters for any and all discharges arising from the facility. This shall be undertaken by a suitably competent agency to be agreed with the Planning Authority within 6 months of the date of this order

Reason: To monitor ground water quality, in the interests of public health.

19. Details of the proposed boundary treatment including landscaping and fencing details for the remainder of the site shall be submitted to and agreed in writing with the planning authority within 6 months of date of this order.

Reason: In the interest of visual amenity

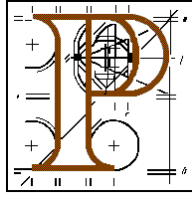
20. The developer shall lodge with the Planning Authority a bond for €120,000.00 (one hundred and twenty thousand euro) of an insurance company, or other security to secure the satisfactory completion and restoration of the site, coupled with an agreement empowering the planning authority to apply such security or part thereof to the satisfactory completion and restoration of the site. The security to be lodged shall be an approved insurance company bond in a sum to be agreed.

Reason: To ensure satisfactory completion and restoration of the site

21. The developer shall pay a sum of €100,000.00 (one hundred thousand euro) (updated at the time of payment in accordance with changes in the Wholesale Price Index – Building and Construction (Capital Goods), published by the Central Statistics Office) to the planning authority as a special contribution under section 48 (2)(c) of the Planning and Development Act 2000 in respect of road improvement works facilitating the proposed development. This contribution shall be paid prior to the commencement of the development or in such phased payments as the planning authority may facilitate. The application of indexation required by this condition shall be agreed between the planning authority and the developer.

Reason: It is considered reasonable that the developer should contribute towards the specific exceptional costs which are incurred by the planning authority which are not covered in the Development Contribution Scheme and which will benefit the proposed development.

An Bord Pleanála



PLANNING AND DEVELOPMENT ACTS 2000 TO 2007

Meath County

Planning Register Reference Number: QY36

An Bord Pleanála Reference Number: 17.QC.2085

APPEAL by Clashford Recovery Facility Limited care of Williams Sheils Limited of 31 Athlumney Castle, Navan, County Meath against the decision made on the 18th day of April, 2007 by Meath County Council to restate, modify or add conditions on the operation of a registered quarry at Naul, County Meath.

DECISION

The Board, in accordance with subsection (9)(b) of section 261 of the Planning and Development Act, 2000, confirms with modifications the decision of the planning authority and directs the said Council, based on the reasons and considerations set out below, to REMOVE condition number 21 and the reason therefor and to MODIFY condition number 20 so that it shall be as follows for the reason set out:

20. Within three months of the date of this order, the developer shall lodge with the planning authority an approved insurance company bond in the sum of €70,000 (seventy thousand euro) to secure the satisfactory completion and restoration of the site, coupled with an agreement empowering the planning authority to apply such security or part thereof to the satisfactory completion and restoration, including all necessary demolition and removal.

Reason: To ensure the satisfactory completion and restoration of the site.

REASONS AND CONSIDERATIONS

Condition number 20 - Having regard to the fact that an area of 3.9 hectares has already been restored, it is considered reasonable to reduce the amount of the bond to €70,000.

Condition number 21 - The Board has concluded that there is no provision in section 261 or section 48 of the Planning and Development Act, 2000 that would authorise the imposition of conditions requiring the payment of a financial contribution.

MATTERS CONSIDERED

In making its decision, the Board had regard to those matters to which, by virtue of the Planning and Development Acts and Regulations made thereunder, it was required to have regard. Such matters included any submissions and observations received by it in accordance with statutory provisions.

**Member of An Bord Pleanála
duly authorised to authenticate
the seal of the Board.**

Dated this day of 2008.

ATTACHMENT B.3.2

Waste Permit Reg. No. WMP 2005/25

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Comhairle Chontae na Mí

Halla an Chontae, An Uaimh, Contae na Mí

Fón: 046-902 1581

Cuirtear Fáilte Roimh Chombhfbreagras í nGaeilge



Meath County Council

County Hall, Navan, Co. Meath

Fax: 046-902 1463

eMail: info@meathcoco.ie www.meath.ie

Our Ref: RMcM 11'05/WMP 2005/25

Environment Section

30th November, 2005

Attn: Barry Connolly
Clashford Recovery Facility
Ring Commons
Naul
Co. Meath

RE: Waste Management Permit WMP 2005/25
Clashford Recovery Facility, Naul, Co. Meath

Dear Sirs,

I refer to the above and now enclose same.

You are advised to study **all** the permit conditions very carefully, but **in particular** conditions - **2.3** (operating hours), **3.1** (register), **3.6** (AER), **4.1** (commencement notice), **4.3** (vehicle types), **4.4** (waste types), **5.8** (road sweeper), **5.9** (maintenance of wheelwash) **8.1** (monitoring fee) and **8.3** (bond), as these require actions or works that you might not have included or anticipated when applying. If you have any doubts about interpretation you may contact Meath County Council.

In addition, you are advised to contact the Planning Section regarding your obligations under the Planning & Development Act 2000 for the use of the site.

Finally, you shall contact this Office and make an appointment to meet with Vincent Collins Senior Executive Engineer and/or Greg Duggan, Senior Engineer so they can go through the permit with you and explain it.

Yours sincerely,

Rose McManus

Rose McManus
Assistant Staff Officer

Encl.

C.C. Clashford Recovery Facility, C/o Williams Sheils Limited, 31 Athlumney Castle, Navan, Co. Meath

WASTE MANAGEMENT ACT 1996

WASTE MANAGEMENT (PERMIT) REGULATIONS 1998

Meath County Council

Ref. No. in Register WMP 2005/25

To: **Clashford Recovery Facility Limited**
C/o William Sheils Limited
31 Athlumney Castle
Navan
Co. Meath.

Meath County Council in exercise of the powers conferred on it by Waste Management (Permit) Regulations 1998 hereby grants a Waste Management Permit for permitted waste activity in accordance with the First Schedule of the Waste Management (Permit) Regulations 1998.

Activity 5: *The Recovery of waste (other than hazardous waste) at a facility (other than a facility for the composting of waste where the amount of compost and waste held at the facility exceeds 1000 cubic metres at any time).*

Permitted Waste Activity, in accordance with the Fourth Schedule
of the Waste Management Act, 1996:

Class 10: *The treatment of any waste on land with a consequential benefit for an agricultural activity or ecological system.*

To: **Clashford Recovery Facility Limited, Ring Commons, Naul, Co. Meath**

Location of proposed development: **Naul, Co. Meath**

Subject to 8 conditions as set out on the Schedule attached hereto.

SIGNED:



DIRECTOR OF SERVICES

Dated this 30th November, 2005

Environment Order No. 361 /2005.

WASTE PERMIT

Waste Permit Register Number:

WMP 2005/25

Applicant:

Clashford Recovery Facility Ltd.,
Ring Commons,
Naul,
Co. Dublin.

Location of Facility:

Naul Townland,
Naul,
Co. Meath.

In pursuance of the powers conferred on it by the Waste Management Act, 1996 and the Waste Management (Permit) Regulations, 1998, Meath County Council grants this waste permit under Article 5(1) of the Regulations to Clashford Recovery Facility Ltd., Ring Commons, Naul, Co. Dublin to carry on at Naul Townland, Naul, Co. Meath the waste activity listed below, subject to eight conditions.

Permitted Waste Recovery Activity, in accordance with the First Schedule of the Waste Management (Permit) Regulations, 1998:

Activity 5: The Recovery of waste (other than hazardous waste) at a facility (other than a facility for the composting of waste where the amount of compost and waste held at the facility exceeds 1000 cubic metres at any time).

Permitted Waste Activity, in accordance with the Fourth Schedule of the Waste Management Act, 1996:

Class 10: The treatment of any waste on land with a consequential benefit for an agricultural activity or ecological system.

NOTE:

THE GRANTING OF THIS PERMIT, AND ANY CONDITION IMPOSED BY IT, DOES NOT EXEMPT THE HOLDER OF THE PERMIT FROM COMPLYING WITH THE STATUTORY OBLIGATIONS OF ANY RELEVANT LEGISLATION, INCLUDING WATER POLLUTION, AIR POLLUTION, WASTE, LITTER AND PLANNING LEGISLATION.

1. Scope of Permit:

- 1.1 This waste permit is issued under the Waste Management (Permit) Regulations, 1998 to Clashford Recovery Facility Ltd, Ring Commons, Naul, Co. Dublin in respect of a facility at Naul Townland, Naul, Co. Meath only.
- 1.2 The permit shall be granted for a maximum period of **36 months** from the date of commencement of waste activities.
- 1.3 The waste activities shall take place only as specified in the application, as modified and/or controlled by the terms of this permit.
- 1.4 Where Meath County Council considers that a non-compliance with the conditions of this permit has occurred, it may serve a notice on the permit holder specifying:
 - (a) that only those wastes as specified, if any, in the notice are to be accepted at the facility after the date specified in the notice; and,
 - (b) that the permit holder shall undertake the works stipulated in the notice, and/or otherwise comply with the requirements of the notice as set down therein, within any time-scale contained in the notice.

When the notice has been complied with, the permit holder shall provide written confirmation to the local authority that the requirements of the notice have been carried out. No waste, other than that, which is stipulated in the notice, shall be accepted at the facility until written confirmation is received from the Council that the notice is withdrawn.

2. Management of the activity:

- 2.1 A copy of the permit shall be kept on site at all times.
- 2.2 The permit holder shall acquaint all staff, employees, lessees and agents, including replacement personnel, of the provisions and conditions of this permit.
- 2.3 Waste shall only be accepted at the site between the hours of 8am and 6pm Monday to Friday inclusive (excluding Bank and National Holidays) and between 8am and 2pm on Saturday. No waste shall be accepted on Sundays.
- 2.4 The site shall be adequately manned and supervised at all times. It shall be maintained to the satisfaction of Meath County Council, and adequate precautions shall be taken to prevent unauthorised access to the site.

3. Notification and record keeping:

3.1 The permit holder shall maintain a register of the following records on the site:

- The quantities and types of waste received at the site.
- The quantities and type of waste not accepted at the site, and details of where these wastes were sent.
- The dates and times of all waste deliveries to the site.
- The names of the carriers and the vehicle registration numbers.
- The origin of each delivery of waste.

3.2 The permit holder shall immediately notify Meath County Council by telephone, fax or e-mail of any incident which occurs as a result of the activity on the site, and which:

- has the potential for environmental contamination of surface water or ground water, or
- poses an environmental threat to air or land, or
- requires an emergency response by the Council.

Full details shall be forwarded in writing on the next working day.

The permit holder shall include as part of the notification:

- the date and time of the incident,
- details of the incident and circumstances giving rise to it,
- an evaluation of environmental pollution caused, if any,
- actions taken to minimise the effect on the environment,
- steps taken to avoid reoccurrence,
- any other remedial action taken.

The permit holder shall make a record of any such incident in a register to be maintained on the site.

3.3 All communications with Meath County Council shall be addressed to the Senior Executive Officer, Environment Department.

Address: County Hall,
Railway Street,
Navan,
Co. Meath.

Telephone Number (normal working hours): 046 – 9097000
Fax Number: 046 – 9097001
e-mail: info@meathcoco.ie

3.4 The permit holder shall make all records maintained on the site available to Meath County Council staff at all reasonable times, and shall provide any relevant information when so requested by an authorised person of Meath County Council.

- 3.5 The permit holder shall notify Meath County Council, in writing, within 7 days of:
- The imposition of any requirement on the permit holder by order under Section 57 or 58 of the Waste Management Act 1996, or
 - Any conviction of the permit holder for an offence under the Waste Management Act, 1996.
- 3.6 The permit holder shall submit to Meath County Council, an Annual Environmental Report (AER) for the preceding calendar year by no later than February 28th of each year. The first AER shall be submitted by 28th February in the year following commencement of waste activities in respect of the period from the date of commencement of waste activities on the site to 31st December of the year when waste activities commenced. The AER shall include details of:
- (a) the management and staffing structure of the facility;
 - (b) details of any impositions or convictions imposed as outlined above;
 - (c) County of origin, name of carrier, quantity and type of all wastes accepted and disposed of at the facility during the year;
 - (d) details of any loads rejected at the facility during the year;
 - (e) reportable incidents;

In addition, the permit holder shall include in the report, a written summary of compliance with all of the conditions attached to this permit,

- 3.7 Within one month of waste activities ceasing on the site, the permit holder shall submit a report to Meath County Council which shall include the information contained in the registers described above, and details of any impositions or convictions imposed under the Waste Management Act, 1996. In addition, the permit holder shall include in the report a written summary of compliance with all of the conditions attached to the permit

4. Waste acceptance and handling:

- 4.1 A minimum notice of **five (5)** working days shall be given in writing to Meath County Council of the commencement of waste activities at the site.
- 4.2 The permit holder shall ensure that all Contractors delivering waste material to the site are operating in compliance with the Waste Management (Collection Permit) Regulations, 2001 (SI no. 402 of 2001).
- 4.3 Only rigid body or articulated tipper trucks shall be allowed to access the site. **No dump trucks shall be permitted access to the site to deliver material.**
- 4.4 The permit holder shall erect warning signs on the approach roads to the site, indicating that heavy vehicles are crossing the roads. The locations and sizes of the signs shall be as agreed with the Slane Area Engineer, or his representative.

- 4.4 Only uncontaminated soil and stone waste, which conforms to the European Waste Catalogue (2002 edition) code reference 17 05 04 (soil and stones) may be accepted at the site. Clean concrete waste, conforming to European Waste Catalogue code reference 17 01 01, may be used **only** in the construction of a haul road. No other waste types shall be accepted or deposited at this facility. The permit holder shall ensure that adequate steps are taken to prevent acceptance of any other waste types.
- 4.5 All waste arriving at the facility shall be subject to a visual inspection by the permit holder, or his staff, employees, lessees or agents. Materials other than those permitted shall be removed immediately from the site. Such waste shall be disposed of (or recovered) at an alternative facility with an appropriate waste permit or waste licence. Following delivery of such unauthorised waste to the site, Meath County Council shall be immediately notified by telephone, fax or e-mail and full details shall be forwarded in writing on the next working day.
- 4.6 The permit holder shall remove immediately any waste placed on or in the vicinity of the site other than in accordance with the requirements of the permit. If such waste is discovered it shall be taken to a facility with a waste licence or waste permit authorising acceptance of such waste.
- 4.7 The permit holder shall not allow any over-spill of waste outside the site perimeter, as outlined on the site plan submitted with the permit application.

5. Nuisances, emissions and environmental impacts:

- 5.1 The permit holder shall ensure that the waste activities on the site shall be carried out in such a manner so as not to have an adverse effect on the drainage of adjacent lands, on watercourses, on field drains or on any other drainage system.
- 5.2 The permit holder shall maintain a clear buffer zone of minimum width 5m upon which no waste material shall be deposited around all perimeter boundaries of the site adjacent to watercourses.
- 5.3 If in the opinion of the Area Engineer, or his representative, damage is occurring to the public road, the Engineer, or his representative, shall be empowered to verbally instruct the permit holder to cease accepting waste at the site from the end of the day on which instruction issues. The permit holder shall close the site and lock the gates. Activities shall not re-commence until the Engineer, or his representative, gives authorisation to re-commence.
- 5.4 The permit holder shall take adequate steps to ensure that that no material of any sort can fall or be blown from vehicles delivering waste to the site.
- 5.5 The permit holder shall take adequate steps to ensure that vehicles exiting from the site do not deposit material of any sort onto the public roadway or adjoining lands.

- 5.6 The permit holder shall take adequate precautions to prevent undue noise, fumes, dust, grit, untidiness and other nuisances during the course of the works which would result in a significant impairment of, or a significant interference with, amenities or the environment beyond the site boundary. If unacceptable levels occur, the permit holder shall abide by the Council's abatement requirements, which may include immediate cessation of operations.
- 5.7 The permit holder shall spray current working areas and site access roads with clean water during periods of dry weather if dust is being generated to such an extent as to reasonably present a risk of nuisance to neighbouring properties.
- 5.8 The permit holder shall ensure that a mechanical road sweeper is on site at all times during wet weather when mud on the public road is liable to pose a hazard to other road users. Any material deposited on the public road shall be removed without delay.
- 5.9 The permit holder shall maintain a wheelwash of suitable design and fit for purpose on the access road to the site. All trucks exiting the site shall drive through the wheelwash. The access road from the wheelwash to the site entrance shall be surfaced and maintained to a suitable standard to prevent mud gathering again on the wheels of trucks as they exit the site after using the wheelwash.
- 5.10 The permit holder shall remove all litter from the site and its environs without delay.

6. Environmental monitoring:

- 6.1 Authorised staff of Meath County Council shall have unrestricted access to the site at all reasonable times for the purpose of their functions under the Waste Management Act, 1996, including such inspections, monitoring and investigations as are deemed necessary by the Council.
- 6.2 If so requested by Meath County Council, the permit holder shall, at his own expense, make a suitable excavator available for the purposes of excavating trial holes in the waste material deposited on the site, and shall arrange for the excavator to carry out whatever works are required by the Council on the site.
- 6.3 If so requested by Meath County Council, the permit holder shall, at his own expense, carry out such further investigations and monitoring of the facility as required by the Council. The scope, detail and programme, including report structure and reporting schedule, for any such investigations and monitoring shall be in accordance with any written instructions issued by the Council.

7. Restoration and aftercare:

- 7.1 As soon as is practicable following completion of the waste activities, the site shall be returned to beneficial use.

8. Charges and financial provisions:

- 8.1 The Permit holder shall pay a contribution of **€1,880** to Meath County Council, or such sum as the Council from time to time determines, towards the costs incurred by the Council in monitoring the activity, to the extent that it considers necessary for the performance of its duties under the Waste Management Act, 1996. This amount shall be paid prior to commencement of waste activities.
- 8.2 In the event that the frequency or extent of monitoring or other functions carried out by the Council need to be increased for whatever reason, the permit holder shall contribute such sums as are determined by the Council to defray its costs.
- 8.3 The bond lodged in compliance with condition 8.2 of permit reference WMP2001/6, in the sum of €19,035 (£15,000), shall be retained by Meath County Council as a security for the satisfactory compliance by the permit holder with the terms and conditions attached to this permit, and in addition to provide security for damage to roads. In the event of non-compliance by the permit holder with any terms or conditions attached to this permit, Meath County Council shall be empowered to apply the said funds or part thereof for the satisfactory compliance with the terms and conditions attached to this permit, including road repairs as necessary. Any amount not so used by the Council will be released to the permit holder, when all activities on site have ceased and the permit holder has fully complied with the terms and conditions attached to the permit, to the satisfaction of Meath County Council.

ATTACHMENT B.4

Sanitary Authority

The facility does not plan to discharge effluent or other matter to any sewer system in the area. The site is serviced by an existing toilet facility, septic tank and percolation area.

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ATTACHMENT B.6

Notices and Advertisements

- B.6.1 Copy of the site notice (Location of Site Notice is shown on Figure B.6.1)
- B.6.2 Copy of Newspaper Notice
- B.6.3 Copy of Written Notification to Planning Authority of Application to the Environmental Protection Agency for a Waste Licence

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ATTACHMENT B.6.1

Site Notice

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SITE NOTICE

APPLICATION TO THE ENVIRONMENTAL PROTECTION AGENCY FOR A WASTE LICENCE

Clashford Recovery Facility Ltd., Ring Commons, Balbriggan, County Dublin intend to apply to the Environmental Protection Agency for a waste licence for the continued operation of its existing waste recovery facility on lands at Naul, Naul Townland, Co. Meath (National Grid Reference 313399E 261545N).

The nature of the development is the continued phased restoration of a sand and gravel pit using imported inert soils, stone, and recovery of inert construction and demolition waste. It is proposed that circa 90,000 cubic metres per annum of inert materials will be accepted to site.

The principal activity is Class 4 (recycling or reclamation of inorganic materials) of the Fourth Schedule of the Waste Management Act, 1996 to 2008. Other activities include Class 13 of the Fourth Schedule (temporary storage pending recycling or reclamation).

A copy of the application for a waste licence and such further information relating to the application as may be furnished to the Agency in the course of the Agency's consideration of the application, will, as soon as practicable after receipt by the Agency, be available for inspection or purchase at the headquarters of the Agency.

ATTACHMENT B.6.2

Newspaper Notice

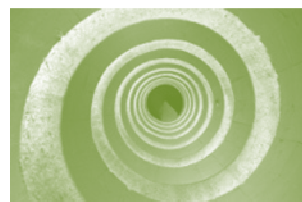
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ATTACHMENT B.6.3

Copy of Written Notification to Planning Authority of Application to the
Environmental Protection Agency for a Waste Licence

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Planning Department
Meath County Council
Abbey Mall
Abbey Road
Navan
County Meath



JSPE

J Sheils Planning & Environmental Ltd

31 Athlumney Castle, Navan, Co Meath

Phone/Fax: Ireland +353 46 9073997

Mobile: John Sheils +353 87 2730087

Email: johnsheils@jspe.ie

Date: 11th February, 2009
Our Ref: JSPE 173_L01

Re: Waste Licence Application by Clashford Recovery Facility Ltd for the continued operation of its existing Waste Recovery Facility on lands at Naul townland, Naul, Co. Meath (National Grid Reference 285633E 253005N).

To whom it may concern:

In accordance with Article 9 (1) of the Waste Management (Licensing) Regulations 2004 (S.I. No. 395 of 2004), we wish to inform Meath County Council (Planning Authority) that J Sheils Planning & Environmental Ltd will be submitting a Waste License Application to the Environmental Protection Agency, on behalf of Clashford Recovery Facility Ltd. of Naul Townland, Naul, Co. Meath. i.e.

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Yours Sincerely,

For J Sheils Planning & Environmental Ltd,

John Sheils ASCS MRICS

ATTACHMENT B.7 – Type of Waste Activity

B.7.1 Type of Waste Activity

The following sections detail the classes of activity for the site, which are in accordance with the Fourth Schedule to the Waste Management Acts 1996 to 2008, to which the application relates and includes a brief technical description of each of the activities specified.

B.7.2 Principal Activity

Class 4. Recycling or reclamation of other inorganic materials

Only inert soils, stone and clean construction and demolition waste will be accepted at the site. Further details with respect to the type of materials including European Waste Catalogue code references are provided in table Table H.1(ii). No other waste types shall be accepted or recovered at this facility.

B.7.3 Other Waste Recovery Activities - Fourth Schedule of WMA

Class 13. 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.

Construction and demolition waste may be stored in stockpiles prior to processing, recovery and re-use for engineering purposes on the site or offsite (See Fourth Schedule - Waste Recovery Activity Class 4). Similarly topsoil/subsoil may be stored in temporary storage mounds awaiting placement as part of the restoration scheme.

Occasionally a load will contain minor contaminants (e.g. plastics, rebar, wood and paper). These items are removed on inspection by a site operative and stored in covered skips in a designated quarantine area pending removal offsite by a licensed waste disposal contractor to an appropriate disposal facility.

ATTACHMENT B.8

Sevoso II Regulation

The European Communities (Control of Major Accident Hazards involving Dangerous substances) Regulations, 2000 (S.I. No. 476 of 2000) do not apply as the establishment only accepts inert material for recovery.

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Attachments C

Management of the Facility

<u>Sub-Section</u>	<u>Contents</u>
C.1.	Technical Competence and Site Management
C.1.(a)	Organisation & Management Structure
C.2	Environmental Management System
C.3	Hours of Operations
C.3. (a)	Proposed hours of operation.
C.3. (b)	Proposed hours of waste acceptance/handling.
C.3. (c)	Proposed hours of any construction and development works at the facility and timeframes (required for landfill facilities).
C.3. (d)	Any other relevant hours of operation expected.
C.4	Conditioning Plan

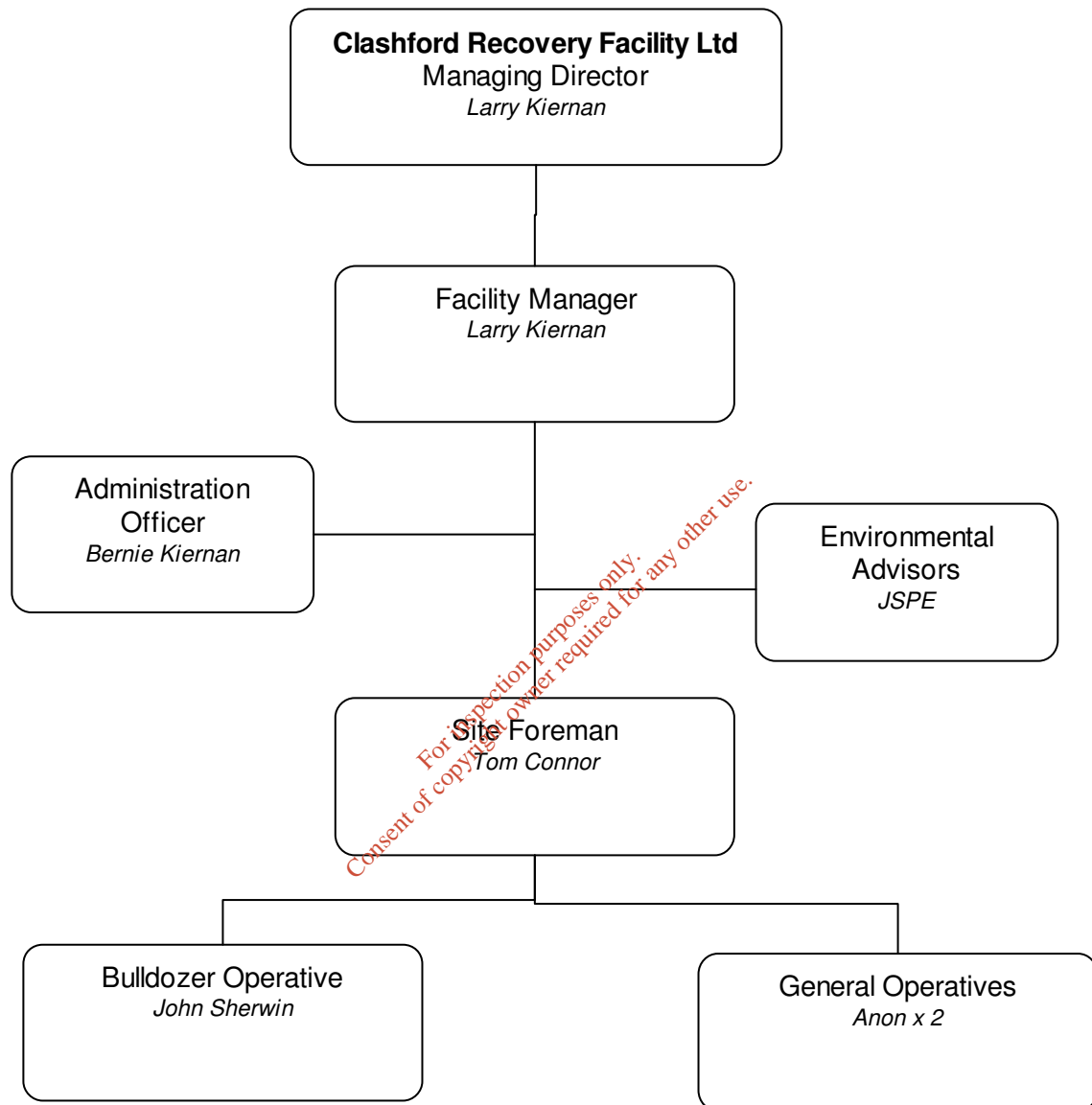
C.1. Technical Competence and Site Management

Clashford Recovery Facility Ltd is an established small family run business based in Naul, Co Meath. Mr Larry Kiernan – Facility Manager will be responsible for the overall management of the facility including implementation of the proposed Environmental Management System.

Name	Position	Duties and Responsibilities	Experience /Qualifications
Larry Kiernan	Facility Manager	Overall management of the site in accordance with waste licence conditions	30 Years experience including 6 years in operating & Managing existing Waste Recovery Management Facility.
Bernie Kiernan	Administration Officer	Record keeping including details of all waste accepted to site, environmental monitoring results and submission of relevant details to Regulatory Authority in accordance with Waste Licence conditions.	6 years experience at existing Waste Recovery Facility.
John Sheils	Environmental Advisor	Managing environmental monitoring programme.	17 years planning & environmental experience. B.Eng.(Hons) Mining Engineering, Chartered Minerals Surveyor, Environmental Auditors Registration Association (EARA) Approved Foundation Course in Environmental Management & Auditing.
Tom Connor	Site Foreman	Supervision of operations on site including inspection, acceptance and recording of all waste delivered to site for recovery.	6 years experience at existing Waste Recovery Facility.
John Sherwin	Bulldozer Operative	Placement, compaction, grading of recovered materials on site.	30 Years experience including 6 years in operating & Managing existing Waste Management Facilities.
Anon	General Operatives	Duties include general housekeeping including inspection and removal	Safe Pass or equivalent training for operation of plant being operated

C.1.(a) Organisation & Management Structure

The organisational and Management structure is shown by the following organogram.



C.2 Environmental Management System

Currently no Environmental Management System (EMS) has been developed for the existing facility. Clashford Recovery Facility Ltd will implement an EMS for the facility subject to granting of the Waste Licence. The proposed EMS will be structured as follows:

- 1.0 Introduction
- 2.0 Environmental Policy
- 3.0 Organisation and Management Responsibilities
- 4.0 Environmental Legislation and Control
- 5.0 Environmental Aspects
- 6.0 Objectives & Targets
- 7.0 Environmental Management Plan
- 8.0 Training, Awareness and Competence
- 9.0 Communication
- 10.0 Document Control
- 11.0 Operational Control
- 12.0 Emergency Preparedness & Response
- 13.0 Complaints/Non-Conformance and Corrective and Preventive Action
- 14.0 Annual Environmental Audits
- 15.0 Environmental Management Review

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C.3 Hours of Operations

C.3. (a) Proposed hours of operation.

It is proposed that working hours at the application site will be that waste is only accepted at the site between the hours of 08:00 hours to 18:00 hours Monday to Friday inclusive (excluding Bank and National Holidays) and between 08:00 hours to 14:00 hours on Saturday. No waste shall be accepted on Sundays. These hours of operation are as stipulated in the existing Waste Management Permit No. 2005/25 and in compliance with existing planning permission P.A Reg. Ref. QY36, QC 17.QC2085.

C.3. (b) Proposed hours of waste acceptance/handling.

As above.

C.3. (c) Proposed hours of any construction and development works at the facility and timeframes (required for landfill facilities).

Not Applicable as this is not a landfill facility.

C.3. (d) Any other relevant hours of operation expected.

None, other than emergency work that may be required outside normal working hours.

C.4 Conditioning Plan

A Condition Plan is not required as the proposed activity is for a land restoration project using recovered inert materials.