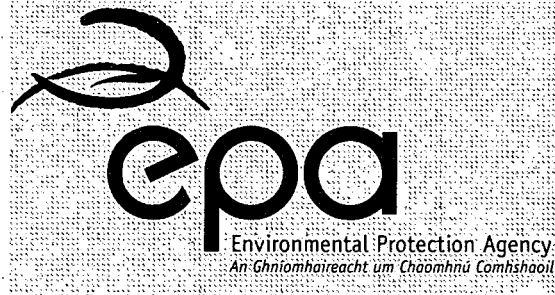


W0082-02



IPPC/Waste Licence Transfer Application Form

This document does not purport to be and should not be considered a legal interpretation of the provisions and requirements of the Waste Management Acts, 1996 to 2012 or Environmental Protection Agency Acts 1992 to 2012.

Environmental Protection Agency
P.O. Box 3000, Johnstown Castle, County Wexford
Telephone: Lo-Call 1890 335599; 053-9160600
Fax: 053-9160699



Section 1 of this application form must be completed by the current Licensee and accompanied by required attachments. Section 2 must be completed by the Proposed Transferee and accompanied by required attachments. Both parties must complete Section 3. The transfer application shall not be regarded as complete and will not be processed unless all information requirements as set out in this form are met in advance of the application being submitted to the EPA.

Section 1: To be Completed by Current Licence Holder (Licensee)

1.1	Register Number of Licence to be Transferred	W0082-02
1.2	Name of Current Licensee	Greenstar Environmental Services Limited (In Receivership)
1.3	Address of Current Licensee	Greenstar Ltd. Unit 6 Ballyogan Business Park Ballyogan Road Sandyford Dublin 18
1.4	Contact details for nominated person(s) or persons in relation to the transfer application	Malcolm Dowling Tel: 01 2947969 Email: malcolm.dowling@greenstar.ie

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1.5	Class/Nature of Activity	<p>For the operation of a waste transfer station for municipal, commercial and industrial, construction and demolition wastes.</p> <p>Activities Licensed:</p> <p>Waste Activities (Third Schedule to Waste Management Acts 1996 ("WMAs 1996")):</p> <p>Class 12: Repackaging prior to submission (involves the licensee transferring waste to landfill for disposal)</p> <p>Class 13: Storage prior to submission, other than temporary storage, pending the collection from the premises where the waste is produced.</p> <p>Recovery Activities (Fourth Schedule to WMAs 1996):</p> <p>Class 2: Recycling or reclamation of organic substances (including composting and other biological processes).</p> <p>Class 3: Recycling or reclamation of metals and metal compounds.</p> <p>Class 4: Recycling or reclamation of other inorganic materials, limited to the recovery of glass construction and demolition wastes.</p> <p>Class 13: Storage of waste destined for recovery, other than temporary storage, pending collection from the premises where the waste is produced.</p>
1.6	Location of activity to which the licence relates	Ballykeefe Townland Waste Management Section Dock Road Limerick Co. Limerick
1.7	Name of Proposed Transferee	Starrus Eco Holdings Limited



1.8	Reason for licence transfer request (provide detail in fifty words or less)	Starrus Eco Holdings Limited ("Starrus") is currently in the process of purchasing the business and assets of Greenstar Holdings Limited (In Receivership) and certain of its subsidiaries ("Greenstar"). As part of the sale process, it is necessary for Greenstar to transfer the waste licences to Starrus.
1.9	Desired date for proposed transfer to take effect?	The sale process described in response to question 1.8 is scheduled to complete in July 2013. No transfer to the proposed transferee should be made before the licensee and the proposed transferee notify the Agency of the desired effective date.

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1.10	<p>Has the Licensee arranged for the completion, by an independent and appropriately qualified consultant, of an up-to-date and fully costed Risk Assessment of environmental liabilities for the site (ELRA or equivalent), which will address liabilities from past and present activities?</p> <p><u>And</u></p> <p>Has the Risk Assessment been approved by OEE?</p> <p>(Provide copy of OEE approval letter as Attachment 1B)</p>	<p>Yes</p> <p>Yes, please see Attachment 1B.</p>
1.11	<p>Has the Licensee prepared an up-to-date and fully detailed and costed plan for the decommissioning or closure¹ (DMP/CRAMP or equivalent) of the site or part thereof?</p> <p><u>And</u></p> <p>Has the Decommissioning /Closure Plan been approved by OEE?</p> <p>(Provide copy of OEE approval letter as Attachment 1C)</p>	<p>Yes</p> <p>Yes, please see Attachment 1C.</p>

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¹ The plan must show estimated expenditure for each phase of the activity/activities and include:

- (i) Likely costs of abatement installation, control & monitoring;
- (ii) Likely costs of closure & remediation of the site;
- (iii) Likely costs of clean-up following a plausible accident/incident;
- (iv) Likely costs of long-term aftercare for residual environmental liabilities;
- (v) Statement or details of provisions made for the underwriting of these costs/liabilities.



Section 1 Attachments: The following documents must be provided to the EPA by the current Licensee to support the licence transfer request. Failure to do so will result in the transfer application form being returned.

Attachment 1A	As per Section 47(3) of the Waste Management Acts 1996 to 2012 / Section 94(3) of the Protection of the Environment Acts 1992 to 2012), provide a copy of the licence to be transferred.
Attachment 1B	Provide a letter of approval from the EPA's Office of Environmental Enforcement (OEE) for the Risk Assessment referred to in Q1.10.
Attachment 1C	Provide a letter of approval from the EPA's Office of Environmental Enforcement (OEE) for the Decommissioning/Closure Plan described in Q1.11.

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Section 2: To be Completed by Proposed Transferee

2.1	Name of Proposed Transferee	Starrus Eco Holdings Limited
2.2	Address of Proposed Transferee	Unit 6 Ballyogan Business Park Ballyogan Road Sandyford Dublin 18
2.3	Contact details for nominated person(s) in relation to the transfer application	Malcolm Dowling (Employee) acting on behalf of Starrus Eco Holdings Limited PH: 01 2947969 Fax: 01 2947990 Email: Malcolm.dowling@greenstar.ie
2.4	<p><i>General background on the Proposed Transferee. (approx. 150 words or less)</i> <i>Details to include:</i></p> <ul style="list-style-type: none"> • <i>Business activity of Proposed Transferee</i> • <i>Date established (companies only)</i> • <i>Most recent details on total assets value, turnover and profit (where available)</i> • <i>State whether Proposed Transferee is a holding company</i> • <i>Where appropriate, provide similar details for ultimate parent company (also include jurisdiction where ultimate parent company is registered)</i> 	<p>Under the terms of a Framework Agreement dated 5 April 2013, Starrus Holdings Limited, an Irish registered company (Reg. No. 525752) (the "Proposed Purchaser") agreed to purchase the business and assets of Greenstar Holdings Limited (In Receivership) and certain of its subsidiaries ("Greenstar"), including the facility to which this licence relates (the "Transaction").</p> <p>Starrus Eco Holdings Limited (Reg. No. 527552) ("Starrus") was incorporated on 15 May 2013 to manage waste activities, and will ultimately become a subsidiary of the Proposed Purchaser post completion of the Transaction.</p> <p>As a newly incorporated company, we cannot provide details on asset value, turnover and profit. Starrus provided proposals to the OEE on 5 June 2013 in respect of financial provisioning which were approved by the OEE. Please see attachment 2D.</p> <p>It is intended that the business of Greenstar will remain as is under the existing licence in relation to the activities carried out under the terms of this licence and Greenstar employees will continue to operate in their current roles where possible.</p>

<p>2.5</p>	<p>Has the Proposed Transferee/other relevant person been convicted under any of the following:</p> <ul style="list-style-type: none"> • EPA Acts 1992 to 2012? • Waste Management Acts 1996 to 2012? • Local Government (Water Pollution) Acts 1977 and 1990? • Air Pollution Act 1987? <p>If yes, provide full details.</p>	<p>Yes, please see Attachment 2F for full list of relevant convictions involving Greenstar Directors.</p>
<p>2.6</p>	<p>Provide:</p> <p>(a) names</p> <p>(b) details of relevant education, training and experience; and</p> <p>(c) responsibilities</p> <p>of all persons to provide management and supervision of the activities authorised by the licence (in particular the name of the facility manager and any nominated deputies).</p>	<p>(a) Aidan Shanahan Head of Operations (Collection and MRF) South</p> <p>(b) Education/Experience FAS Waste Management Course Over 10 years experience in waste management</p> <p>(c) Management and control of site operations. Responsible for processing and transfer of material in South/Southwest.</p> <p>(a) Emma Pearce Operations Manager</p> <p>(b) Education/Experience FAS Waste Management Course; 8 years waste management experience; BA/BAI Structural, Civil and Environmental Engineering (TCD); MSc Agr Rural Development (UCD); IOSH Managing Safely; EMS/Internal Environmental Auditor.</p> <p>(C) Responsible and accountable for Greenstar processing and collection division in Limerick. Overseeing ISO systems including environmental and Health and Safety procedures.</p> <p>(a) Andrius Gervinas Yard Supervisor</p>



		<p>(b) Education/Experience FAS Waste Management Course; 10 years waste management experience.</p> <p>(c) Responsible for direct labour supervision within the MRF, MRF Water and Dust Sampling and overall MRF housekeeping.</p> <p>(a) Malcolm Dowling Group Environmental Compliance Manager</p> <p>(b) Education/Experience FAS Waste Management Course; 15 years environmental experience with 9 years in waste management; BSc., MSc., Director of Irish Waste Management Association.</p> <p>(c) Responsibility for management of environmental compliance and to ensure development and maintenance of high standards.</p>
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2.7	<p>Has the Proposed Transferee made adequate financial provision² to meet the financial commitments/liabilities that will be entered into/incurred in carrying on the activity to which the licence relates or in consequence of ceasing to carry on that activity as the licence may specify*?</p> <p><u>And</u></p> <p>Has the financial provision been approved by OEE?</p> <p>(Provide copy of OEE approval letter as Attachment 2D).</p> <p><i>*Refer to 'Guidance on Environmental Liability Risk Assessment, Residuals Management Plans and Financial Provision' EPA, 2006 and consult with OEE.</i></p>	<p>Yes</p> <p>Please see Attachment 2D.</p>
2.8	<p>Provide a statement (signed by the Proposed Transferee) that <i>"the Proposed Transferee has assumed and accepted all liabilities, requirements and obligations provided for in or arising under the licence, or revised licence, regardless of how and in respect of what period, including a period prior to the transfer of the licence or revised licence they may arise."</i></p>	<p>Please see Attachment 2F.</p>

²The amount of financial provision must always be capable of covering the liabilities identified and must have been updated at least within the last twelve months.



2.9	Has the Proposed Transferee, their parent company or any 'relevant person' had an application for a licence: (a) Granted? (b) Rejected? (c) Revoked? If yes, provide full details.	N/A
2.10	Has the Proposed Transferee, their parent company or any 'relevant person' been refused by the EPA as a transferee for a licence? If yes, provide full details.	N/A

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Section 2 Attachments: The following documents must be provided to the EPA by the Proposed Transferee to support the licence transfer request. Failure to do so will result in the transfer application being rejected.

Attachment 2A	Provide a copy of the Certified Copy of Certificate of Incorporation.
Attachment 2B	Provide particulars of Registered Office of the Company (if not included in 2A above).
Attachment 2C	Where appropriate provide an organisational chart showing company structure, including parent company, subsidiaries and related addresses.
Attachment 2D	Provide a letter of approval from the Office of Enforcement for the financial provision described in Q2.7.

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Section 3: To be Completed by Both Parties

3.1: Payment of Fee

The licence transfer application can not be processed, unless accompanied by the transfer fee (*please tick*):

Waste Licence Transfer Application €5,000

IPPC Licence Transfer Application €2,000

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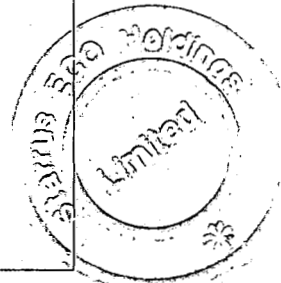
Declaration

We, the undersigned, hereby apply to the Environmental Protection Agency, as per Section 47 of the Waste Management Acts 1996 to 2012 for the transfer of licence reg. no. 82-2 from Greenstar Environmental Services Limited (In Receivership) to Starrus Eco Holdings Limited.

Signed:	
Licensee Name:	Greenstar Environmental Services Limited (In Receivership)
Date:	17/6/13
Company Seal: (where available)	

Signed:	
Proposed Transferee Name:	Starrus Eco Holdings Limited
Date:	14/6/13
Company Seal: (where available)	

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This licence was amended on 2 February 2011 under Section 42B(1) of the Waste Management Acts 1996 to 2010. The details of Amendment A must be read in conjunction with this licence.

The amendment document is entitled Technical Amendment A.

This licence was amended on 14th January 2013 under Section 42B(1)(c) of the Waste Management Acts, 1996 to 2011. The details of Amendment B must be read in conjunction with this licence. The amendment document is entitled "Technical Amendment B"



Headquarters
P.O. Box 3000
Johnstown Castle Estate
County Wexford
Ireland

WASTE LICENCE

Waste Licence	82-2
Register No:	
Licensee:	Ipodec (Ireland) Limited
Location of Facility:	Ballykeefe Townland, Waste Management Section, Dock Road, Limerick, County Limerick.

INTRODUCTION

This introduction is not part of the licence and does not purport to be a legal interpretation of the licence.

The facility is a licensed waste transfer station located on the Dock Road in Limerick, close to Limerick City. The facility accepts municipal, commercial and industrial, construction and demolition wastes. The reviewed licence relates to various grounds including changes to the facility boundary, fencing, site offices, foul water drainage, extension of the existing transfer building, changes to hours of operation and waste types and an increase in waste tonnages etc. Waste transported to the facility is either transported to landfill for disposal or separated for recycling.

The licence sets out in detail the conditions under which Ipodec (Ireland) Limited will operate and manage this facility.

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DECISION & REASONS FOR THE DECISION

Reasons for the Decision

The Environmental Protection Agency (the Agency) is satisfied, on the basis of the information available, that the waste activity, or activities, licensed hereunder will comply with the requirements of Section 40(4) of the Waste Management Act, 1996.

In reaching this decision the Agency has considered the application and supporting documentation received from the applicant, a submission and objections received and the reports of its inspectors.

Part I Activities Licensed

In pursuance of the powers conferred on it by the Waste Management Act, 1996, the Environmental Protection Agency (the Agency), under Section 46(2) of the said Act hereby grants this Waste Licence to Ipodec (Ireland) Limited to carry on the waste activity/activities listed below at Dock Road, Limerick subject to conditions, with the reasons therefor and the associated schedules attached thereto set out in the licence.

Licensed Waste Disposal Activities, in accordance with the Third Schedule of the Waste Management Act 1996

Class 12.	Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.
	This refers to the licensee transferring waste to landfill for disposal in accordance with the conditions of the licence.
Class 13.	Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned was produced.
	This refers to the licensee storing waste on a temporary basis in accordance with the conditions of the licence, before transferring it to landfill.

Licensed Waste Recovery Activities, in accordance with the Fourth Schedule of the Waste Management Act 1996

Class 2.	Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes):
	This activity is limited to the recovery of organic substances such as cardboard and wood or other materials as agreed by the Agency.
Class 3.	Recycling or reclamation of metals and metal compounds:
	This activity is limited to the recovery of metal and the separation of metal from other waste for recovery.
Class 4.	Recycling or reclamation of other inorganic materials:
	This activity is limited to the recovery of glass, construction and demolition wastes and other inorganic materials, as agreed by the Agency.
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:
	This activity is limited to the storage of waste, destined for recovery.

INTERPRETATION

All terms in this licence should be interpreted in accordance with the definitions in the Waste Management Act, (the Act), unless otherwise defined in this section.

Adequate lighting	20 lux measured at ground level.
Agreement	Agreement in writing.
Annually	At approximately twelve monthly intervals.
Attachment	Any reference to Attachments in this licence refers to attachments submitted as part of the waste licence application.
Application	The application by the licensee for this waste licence.
Appropriate facility	A waste management facility, duly authorised under relevant law and technically suitable.
BATNEEC	Best Available Technology Not Entailing Excessive Cost as defined in Section 5(2) of the Act.
Bi-annually	All or part of a period of six consecutive months.
Biodegradable waste	Any waste that is capable of undergoing anaerobic or aerobic decomposition, such as food, garden waste, sewage sludge, paper and paperboard.
Condition	A condition of this licence.
Consignment Note	All movements of hazardous waste within Ireland must be accompanied by a "C1" consignment note issued by a local authority under the Waste Management (Movement of Hazardous Waste) Regulations (SI No. 147 of 1998).
Construction and Demolition Waste	All wastes which arise from construction, renovation and demolition activities.
Containment boom	A boom which can contain spillages and prevent them from entering drains or watercourses.
Daytime	8.00 a.m. to 10.00 p.m.
Documentation	Any report, record, result, data, drawing, proposal, interpretation or other document in written or electronic form which is required by this licence.
Drawing	Any reference to a drawing or drawing number means a drawing or drawing number contained in the application, unless otherwise specified in this licence.
Emergency	Those occurrences defined in Condition 9.4.
Emission Limits	Those limits, including concentration limits and deposition levels established in <i>Schedule C: Emission Limits</i> , of this licence.
European Waste Catalogue (EWC)	A harmonised, non-exhaustive list of wastes drawn up by the European Commission and published as Commission Decision 94/3/EC and any subsequent amendment published in the Official Journal of the European Community.
Hours of Operation	The hours during which the facility is authorised to be operational.

Hours of Waste Acceptance	The hours during which the facility is authorised to accept waste.
Incident	The following shall constitute an incident for the purposes of this licence: <ul style="list-style-type: none"> a) an emergency; b) any emission which does not comply with the requirements of this licence; c) any exceedance of the daily duty capacity of the waste handling equipment; d) any trigger level specified in this licence which is attained or exceeded; and any indication that environmental pollution has, or may have, taken place.
Industrial Waste	As defined in Section 5(1) of the Act.
Inert waste	Waste as defined in SI 336 of 2002 Waste Management (Licensing) (Amendment) Regulations, 2002.
Landfill Directive	Council Directive 1999/31/EC.
Licence	A Waste Licence issued in accordance with the Act.
Licensee	Ipodec Ireland Limited
Liquid Waste	Any waste in liquid form and containing less than 2% dry matter. Any waste tankered to the facility.
Maintain	Keep in a fit state, including such regular inspection, servicing, calibration and repair as may be necessary to adequately perform its function.
Mobile Plant	Self-propelled machinery used for the emplacement of wastes or for the construction of specified engineering works.
Monthly	A minimum of 12 times per year, at approximately monthly intervals.
Municipal waste	As defined in Section 5(1) of the Waste Management Act 1996.
Night-time	10.00 p.m. to 8.00 a.m.
Noise Sensitive Location (NSL)	Any dwelling house, hotel or hostel, health building, educational establishment, place of worship or entertainment, or any other facility or area of high amenity which for its proper enjoyment requires the absence of noise at nuisance levels.
Quarterly	At approximately three monthly intervals.
Sanitary Authority	Limerick County Council.
Sample(s)	Unless the context of this licence indicates to the contrary, samples shall include measurements by electronic instruments.
Specified Emissions	Those emissions listed in <i>Schedule C: Emission Limits</i> of this licence.
Specified Engineering Works	Those engineering works listed in <i>Schedule B: Specified Engineering Works</i> of this licence.
Trigger Level	A parameter value specified in the licence, the achievement or exceedance of which requires certain actions to be taken by the licensee.

Wastewater Contaminated water including water that has been used for washing and/or flushing (including foul water).

Weekly During all weeks of plant operation, and in the case of emissions, when emissions are taking place; with no more than one measurement in any one week.

White Goods Refrigerators, cookers, ovens and other similar appliances.

EPA Working Day Refers to the following hours; 9.00 a.m. to 5.30 p.m. Monday to Friday inclusive.

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PART II CONDITIONS

CONDITION 1 SCOPE OF THE LICENCE

- 1.1. Waste activities at the facility shall be restricted to those listed and described in Part I: Activities Licensed and authorised by this licence.
- 1.2. For the purposes of this licence, the facility is the area of land outlined in orange on Drawing No. C98-101-B2-01 Rev 2 of the application and the area outlined in green in Drawing No C98-101-B2-01, until decontaminated as agreed by the Agency. Any reference in this licence to "facility" shall mean the area thus outlined unless otherwise agreed with the Agency.
- 1.3. This licence is for the purposes of waste licensing under the Waste Management Act 1996 only and nothing in this licence shall be construed as negating the licensee's statutory obligations or requirements under any other enactments or regulations.
- 1.4. Only those waste categories and quantities listed in *Schedule A: Waste Acceptance* of this licence, shall be accepted at the facility.
- 1.5. No hazardous wastes or liquid wastes shall be accepted at the facility.
- 1.6. Waste Acceptance Hours and Hours of Operation
The facility may operate and accept waste on a twenty-four hour basis, seven days per week.
- 1.7. Where the Agency considers that a non-compliance with any condition of this licence has occurred, it may serve a notice on the licensee specifying.
 - 1.7.1. That only those wastes as specified, if any, in the notice are to be accepted at the facility after the date set down in the notice.
 - 1.7.2. That the licensee shall undertake the works stipulated in the notice, and/or otherwise comply with the requirements of the notice as set down therein, within the time-scale contained in the notice.
 - 1.7.3. That the licensee shall carry out any other requirement specified in the notice.

When the notice has been complied with, the licensee shall provide written confirmation 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 permission is received from the Agency.

- 1.8. Every plan, programme or proposal submitted to the Agency for its agreement pursuant to any condition of this licence shall include a proposed timescale for its implementation. The Agency may modify or alter any such plan, programme or proposal in so far as it considers such modification or alteration to be necessary and shall notify the licensee in writing of any such modification or alteration. Every such plan, programme or proposal shall be carried out within the timescale fixed by the Agency but shall not be undertaken without the agreement of the Agency. Every such plan, programme or proposal agreed by the Agency shall be covered by the conditions of this licence.
- 1.9. This licence is being granted in substitution for the waste licence granted to the licensee on the 19th of May 2000 and bears Waste Licence Register No: 82-2. The previous waste licence (Register No: 82-1) is superseded by this licence.

REASON: To clarify the scope of this licence.

CONDITION 2 MANAGEMENT OF THE FACILITY

2.1 Facility Management

- 2.1.1 The licensee shall employ a suitably qualified facility manager with experience commensurate with the expertise required who shall be designated as the person in charge. The facility manager or a nominated, suitably qualified and experienced, deputy shall be present on the facility at all times during its operation.
- 2.1.2 Both the facility manager and deputy, and any replacement manager or deputy, shall successfully complete both the FAS waste management training programme (or equivalent agreed by the Agency) and associated on site assessment appraisal within twelve months of appointment.
- 2.1.3 The licensee shall ensure that personnel performing specifically assigned tasks shall be qualified on the basis of appropriate education, training and experience, as required and shall be aware of the requirements of this licence.

2.2 Management Structure

- 2.2.1 Within three months from the date of grant of this licence, the licensee shall submit written updated details of the management structure of the facility to the Agency. Any proposed replacement in the management structure shall be notified in advance in writing to the Agency. Written details of the management structure shall include the following information:
- a) the names of all persons who are to provide the management and supervision of the waste activities authorised by the licence, in particular the name of the facility manager and any nominated deputies;
 - b) details of the responsibilities for each individual named under a) above; and
 - c) details of the relevant education, training and experience held by each of the persons nominated under a) above.

2.3 Environmental Management System (EMS)

- 2.3.1 The licensee shall maintain an EMS. The EMS shall be updated on an annual basis with amendments being submitted to the Agency for its agreement.

- 2.3.2 The EMS shall include as a minimum the following elements:

2.3.2.1 Schedule of Environmental Objectives and Targets

The objectives should be specific and the targets measurable. The Schedule shall address a five-year period as a minimum. The Schedule shall include a time-scale for achieving the objectives and targets and shall comply with any other written guidance issued by the Agency.

2.3.2.2 Environmental Management Plan (EMP)

The EMP shall include, as a minimum, the following:

- (i) methods by which the objectives and targets will be achieved in the coming year and the designation of responsibility for targets; and
- (ii) any other items required by written guidance issued by the Agency.

2.3.2.3 Corrective Action Procedures

The Corrective Action Procedures shall detail the corrective actions to be taken should any of the procedures detailed in the EMS not be followed.

2.3.2.4 Awareness and Training Programme

The Awareness and Training Programme shall identify training needs, for personnel who work in or have responsibility for the licensed facility.

2.4 Communications Programme

- 2.4.1 The licensee shall maintain a Communications Programme to inform and involve the local community and ensure that members of the public can obtain information at the facility, at all reasonable times, concerning the environmental performance of the facility. This shall be established within six months of the date of grant of this licence.

REASON: *To make provision for the proper management of the activity on a planned basis having regard to the desirability of ongoing assessment, recording and reporting of matters affecting the environment.*

CONDITION 3 FACILITY INFRASTRUCTURE

- 3.1 The licensee shall establish all infrastructure referred to in this licence prior to the commencement of the licensed activities or as required by the conditions of this licence.

3.2 Specified Engineering Works

- 3.2.1 The licensee shall submit proposals for all Specified Engineering Works, as defined in *Schedule B: Specified Engineering Works* of this licence, to the Agency for its agreement at least two months prior to the intended date of commencement of any such works. No such works shall be carried out without the prior agreement of the Agency.

- 3.2.2 All specified engineering works shall be supervised by a competent person(s) and that person, or persons, shall be present at all times during which relevant works are being undertaken.

- 3.2.3 Following the completion of all specified engineering works, the licensee shall complete a construction quality assurance validation. The validation report shall be made available to the Agency on request. The report shall include the following information:-

- a) a description of the works;
- b) as-built drawings of the works;
- c) records and results of all tests carried out (including failures);
- d) drawings and sections showing the location of all samples and tests carried out;
- e) daily record sheets/diary;
- f) name(s) of contractor(s)/individual(s) responsible for undertaking the specified engineering works;
- g) name(s) of individual(s) responsible for supervision of works and for quality assurance validation of works;

- h) records of any problems and the remedial works carried out to resolve those problems; and
- i) any other information requested in writing by the Agency.

3.3 Facility Notice Board

3.3.1 The licensee shall provide and maintain a Facility Notice Board at the entrance leading to the facility from the main road so that it is legible to persons outside the main entrance to the facility. The minimum dimensions of the board shall be 1200 mm by 750 mm.

3.3.2 The board shall clearly show:-

- a) the name and telephone number of the facility;
- b) the normal hours of opening;
- c) the name of the licence holder;
- d) an emergency out of hours contact telephone number;
- e) the licence reference number; and
- f) where environmental information relating to the facility can be obtained.

3.4 Facility Security

3.4.1 Security fencing and gates shall be installed and maintained around the boundary of the facility, except where the existing boundary walls are in place. The gates shall be at the locations shown on Drawing No. C98-101-B2-01 Rev.2. The base of the fencing shall be set in the ground.

3.4.2 The licensee shall remedy any defect in the gates and/or fencing as follows:-

- a) a temporary repair shall be made by the end of the working day; and
- b) a repair to the standard of the original gates and/or fencing shall be undertaken within three working days.

3.5 Facility Roads and Site Surfaces

3.5.1 Site roads shall be provided and maintained to ensure the safe movement of vehicles within the facility.

3.5.2 The licensee shall provide, and maintain an impermeable hardstanding surface in all areas of the facility. In addition, the floor of the building extensions shall be concreted and constructed to British Standard 8110 or an alternative as agreed by the Agency.

3.6 Facility Office

3.6.1 The licensee shall provide and maintain an office at the facility. The office shall be constructed and maintained in a manner suitable for the processing and storing of documentation.

3.6.2 The licensee shall provide and maintain a working telephone and a method for electronic transfer of information at the facility.

3.7 Waste Inspection and Quarantine Areas

3.7.1 A Waste Inspection Area and a Waste Quarantine Area shall be provided and maintained at the facility.

3.7.2 These areas shall be constructed and maintained in a manner suitable, and be of a size appropriate, for the inspection of waste and subsequent quarantine if required. The

waste inspection area and the waste quarantine area shall be clearly identified and segregated from each other.

3.8 Weighbridge and Wheel Cleaning

3.8.1 The licensee shall provide and maintain a weighbridge and a wheel cleaner at the facility.

3.9 Waste handling, ventilation and processing plant

3.9.1 Items of plant deemed critical to the efficient and adequate processing of waste at the facility (including *inter alia* waste loading vehicles and ejector trailers) shall be provided on the following basis:-

- a) 100% duty capacity;
- b) 50% standby capacity available on a routine basis; and
- c) Provision of contingency arrangements and/or back up and spares in the case of breakdown of critical equipment.

3.9.2 Within six months from the date of grant of this licence, the licensee shall provide a report for the agreement of the Agency detailing the duty and standby capacity in tonnes per day, of all waste handling and processing equipment to be used at the facility. These capacities shall be based on the licensed waste intake, as per *Schedule A: Waste Acceptance*, of this licence.

3.9.3 The quantity of waste to be accepted at the facility on a daily basis shall not exceed the duty capacity of the equipment at the facility. Any exceedance of this intake shall be treated as an incident.

3.10 Waste Water Treatment System / Surface Water Management

3.10.1 The licensee shall, subject to Condition 4.7 provide and maintain a Waste Water Treatment System at the facility. The specification of the treatment system shall be agreed in advance with the Agency. Any proposed treatment system including percolation area shall satisfy the criteria set out in the *Wastewater Treatment Manual, Treatment Systems for Single Houses*, published by the Environmental Protection Agency.

3.10.2 Runoff from all areas used for the handling and storage of waste, and vehicle wash water shall discharge to the treatment system or other collection system, subject to Condition 4.7 via a silt trap and Class 1 oil interceptor.

3.10.3 Runoff from all areas not used for the handling and storage of waste shall be discharged to surface water via a silt trap and Class 1 oil interceptor.

3.11 Tank and Drum Storage Areas

3.11.1 All tank and drum storage areas shall be rendered impervious to the materials stored therein.

3.11.2 All tank and drum storage areas shall, as a minimum, be bunded, either locally or remotely, to a volume not less than the greater of the following:-

- a) 110% of the capacity of the largest tank or drum within the bunded area; or
- b) 25% of the total volume of substance which could be stored within the bunded area.

- 3.11.3 All drainage from bunded areas shall be diverted for collection and safe disposal.
- 3.11.4 All inlets, outlets, vent pipes, valves and gauges must be within the bunded area.
- 3.11.5 The integrity and water tightness of all the bunds and their resistance to penetration by water or other materials stored therein shall be confirmed by the licensee and shall be reported to the Agency within 12 months of the date of grant of this licence.

This confirmation shall be repeated at least once every three years thereafter and reported to the Agency on each occasion.

- 3.11.6 The licensee shall install and maintain oil interceptor(s) at the facility to ensure that all surface water discharges from the facility pass through a grit trap and an oil interceptor prior to discharge. The interceptors shall be Class I full retention interceptors and shall be in accordance with European Standard prEN 858 (installations for the separation of light liquids).
- 3.11.7 All wastewater gullies, drainage grids and manhole covers shall be painted with red squares whilst all surface water discharge gullies, drainage grids and manhole covers shall be painted with blue triangles. These colour codes shall be maintained so as to be visible at all times during facility operation, and any identification designated in this licence (e.g. SW1) shall be inscribed on these manholes.
- 3.11.8 The drainage system, bunds, silt traps and oil separators shall be inspected weekly, desludged as necessary and properly maintained at all times. All sludge and drainage from these operations shall be collected for safe disposal. A written record shall be kept of the inspections, desludging, cleaning, disposal of associated waste products, maintenance and performance of the interceptors, bunds and drains.

3.12 Construction and Demolition Waste Recovery Area

3.12.1 Within six months of the date of grant of this licence, the licensee shall provide and maintain a construction and demolition waste recovery area at the location indicated in Drawing no. C98-101-D2-9. This infrastructure shall at a minimum comprise the following:-

- a) an impermeable concrete slab;
- b) collection and disposal infrastructure for all run-off;
- c) appropriate screening to provide visual and noise screening;
- d) All stockpiles shall be adequately contained to minimise dust generation; and
- e) Within eight months of the date of grant of this licence, the licensee shall review the measures in place to minimise dust generation at this facility and shall provide a report to the Agency for its agreement, making recommendations for the control of dust nuisance from the facility. Any remedial works recommended in this report must be implemented within a time-scale to be agreed by the Agency.

3.13 Monitoring Infrastructure

Replacement of Infrastructure

- i) Monitoring infrastructure which is damaged or proves to be unsuitable for its purpose shall be replaced within three months of it being damaged or recognised as being unsuitable.

CONDITION 4 FACILITY OPERATIONS

- 4.1 All waste processing shall be carried out inside the waste transfer building.
- 4.2 Waste Acceptance and Characterisation Procedures
- 4.2.1 Waste arriving at the facility shall be weighed, documented and directed to the Waste Transfer Building. Each load of waste arriving at the Waste Transfer Building shall be inspected upon tipping within this building. Only after such inspections shall the waste be processed for disposal or recovery.
- 4.2.2 Any waste deemed unsuitable for processing at the facility and/or in contravention of this licence shall be immediately separated and removed from the facility at the earliest possible time. Temporary storage of such wastes shall be in a designated Waste Quarantine Area. Waste shall be stored under appropriate conditions in the quarantine area to avoid putrefaction, odour generation, the attraction of vermin and any other nuisance or objectionable condition.
- 4.2.3 Waste shall only be accepted at the facility, from customers who are holders of a waste permit, unless exempted, under the Waste Management (Collection Permit) Regulations 2001 or from other licensed/ permitted facilities.
- 4.3 Operational Controls
- 4.3.1 The floor of the waste transfer building shall be washed down and cleared of all waste on a daily basis. The floor of the storage bays for recovered wastes shall be washed down and cleaned as required.
- 4.3.2 The overnight storage of any waste loads which remain on any working day shall be in designated, secure areas within the transfer building.
- 4.3.3 Any waste stored overnight in the transfer building shall be processed at the commencement of operations on the following working day.
- 4.3.4 Wastes for recovery may be stored outside the transfer building in designated, secure storage areas, subject to the agreement of the Agency provided the storage area is rendered impervious to the materials stored therein.
- 4.3.5 Scavenging shall not be permitted at the facility.
- 4.3.6 Gates shall be locked shut when the facility is unsupervised.
- 4.3.7 The licensee shall provide and use adequate lighting during the operation of the facility in hours of darkness.
- 4.3.8 Fuels shall be stored only at appropriately bunded locations on the facility.
- 4.3.9 All tanks and drums shall be labelled to clearly indicate their contents.
- 4.3.10 No smoking shall be allowed on the facility (other than in the facility office, as shown on Drawing No. C98-101-B2-01 Rev. 2).
- 4.4 Waste sent off-site for recovery or disposal shall be conveyed only by a waste carrier agreed in advance by the Agency. Any request for such agreement of a waste carrier shall include the following:

- i) Copies of the waste carrier's permit(s) under the Waste Management (Collection Permit) Regulations 2001.
 - ii) Details of the waste types it is proposed the carrier will transfer from the facility.
- 4.5 All waste transferred from the facility shall be transferred only to an appropriate facility agreed by the Agency. Any request for agreement of such a facility shall be forwarded to the Agency at least one month in advance of its proposed use and shall include the following:
- i) A copy of the waste permit or waste licence where applicable.
 - ii) The proposed waste types and quantities.
 - iii) Details of any limitations on waste types and quantities acceptable at the facility.
- 4.6 Construction and Demolition Waste Recovery Area
- 4.6.1 Only Construction and Demolition waste shall be accepted at this Area. Wastes which are capable of being recovered shall be separated and shall be stored temporarily in this area prior to being subjected to other recovery activities at the facility or transport off the facility.
- 4.6.2 All stockpiles shall be maintained so as to minimise dust generation.
- 4.7 Foul Water, Surface Water and Sewage Management
- 4.7.1 Upon completion of the Limerick Main Drainage Scheme and subject to the agreement of the Sanitary Authority, sewage and foul water arising on site shall be discharged to the sanitary authority sewer.
- 4.7.2 Prior to the completion of the Limerick Main Drainage Scheme and treatment plant works the following shall apply: either
- (a) an on-site treatment plant shall be installed subject to the requirements of Condition 3, 10, or
 - (b) sewage and wastewater arising on site shall be stored in on-site storage tanks and tankered off-site in fully enclosed road tankers to an appropriate Wastewater Treatment Plant, agreed in advance with the Agency.
- 4.8 Maintenance
- 4.8.1 All processing, treatment, abatement and emission control equipment shall be calibrated and maintained, in accordance with the instructions issued by the manufacturer/supplier or installer. Written records of the calibrations and maintenance shall be made and kept by the licensee.
- 4.8.2 The licensee shall maintain and clearly label and name all sampling and monitoring locations.
- 4.8.3 The wheel cleaner shall be inspected on a daily basis and drained as required. Silt, stones and other accumulated material shall be removed as required from the wheel cleaner and disposed of appropriately.

REASON To provide for appropriate operation of the facility to ensure protection of the environment.

CONDITION 5 EMISSIONS

- 5.1 No specified emission from the facility shall exceed the emission limit values set out in *Schedule C: Emission Limits* of this licence. There shall be no other emissions of environmental significance.
- 5.2 The licensee shall ensure that the activities shall be carried out in a manner such that emissions do not result in significant impairment of, or significant interference with the environment beyond the facility boundary.
- 5.3 Emission limits for emissions to atmosphere in this licence shall be interpreted in the following way.
- 5.3.1 Non-Continuous Monitoring
- (i) For any parameter where, due to sampling/analytical limitations, a 30 minute samples is inappropriate, a suitable sampling period should be employed and the value obtained therein shall not exceed the emission limit value.
 - (ii) For all other parameters, no 30 minute mean value shall exceed the emission limit value.
 - (iii) For flow, no hourly or daily mean value shall exceed the emission limit value.
- 5.4 Emissions to Surface Water
- 5.4.1 The trigger levels for surface water discharges from the facility measured at monitoring point(s) Fe1 and Fe2 are:-
- a) BOD 25mg/l
 - b) Suspended Solids 60mg/l.
- 5.4.2 No substance shall be discharged in a manner, or at a concentration which, following initial dilution causes tainting of fish or shellfish.
- 5.5 There shall be no direct emissions to groundwater.
- 5.6 There shall be no clearly audible tonal component or impulsive component in the noise emissions from the activity at the noise sensitive locations.
- 5.7 Disposal of Wastewater
- No waste water shall be discharged to surface water.

REASON: *To control emissions from the facility and provide for the protection of the environment.*

CONDITION 6 NUISANCE CONTROL

- 6.1 The licensee shall ensure that vermin, birds, flies, mud, dust, noise, litter and odours do not give rise to nuisance at the facility or in the immediate area of the facility. Any method used by the licensee to control any such nuisance shall not cause environmental pollution.
- 6.2 The road network in the vicinity of the facility shall be kept free from any debris caused by vehicles entering or leaving the facility. Any such debris or deposited materials shall be removed without delay.

6.3 Litter Control

- 6.3.1 All loose litter or other waste, placed on or in the vicinity of the facility, other than in accordance with the requirements of this licence, shall be removed, subject to the agreement of the landowners, immediately and in any event by 10.00am of the next working day after such waste is discovered.
- 6.3.2 The licensee shall ensure that all vehicles delivering waste to and removing waste and materials from the facility are appropriately covered.

6.4 Dust/Odour Control

- 6.4.1 All waste for disposal stored overnight at the facility, shall be stored in a secure area within the Waste Transfer Building, and shall be removed from the facility within forty eight hours. In the case where waste delivered to the facility after midday on Friday cannot be transferred due to inaccessibility (e.g. closure) of offsite disposal or recovery facilities, then the waste may be stored for a maximum of 72 hours. These loads of waste shall, in each case be recorded, including the time the waste was held on site and the reasons for inaccessibility (e.g. closure) of a facility for disposal or recovery.
- 6.4.2 The licensee shall review the measures in place to control dust at the facility and submit a report to Agency within six months of the date of grant of the licence including proposals for additional measures.

- 6.5 Prior to exiting the facility, all waste vehicles shall use the wheelwash.

REASON: To provide for the control of nuisances

CONDITION 7 MONITORING

- 7.1 The licensee shall carry out such monitoring and at such locations and frequencies as set out in *Schedule D: Monitoring* of this licence. Unless otherwise specified by this licence, all environmental monitoring shall commence no later than two months after the date of grant of this licence.
- 7.2 The licensee shall amend the frequency, locations, methods and scope of monitoring as required by this licence only upon the written instruction of the Agency and shall provide such information concerning such amendments as may be requested in writing by the Agency. Such alterations shall be carried out within any timescale nominated by the Agency.
- 7.3 Monitoring and analysis equipment shall be operated and maintained in accordance with the manufacturers' instructions (if any) so that all monitoring results accurately reflect any emission, discharge or environmental parameter.
- 7.4 The licensee shall provide safe and permanent access to all on-site sampling and monitoring points and to off-site points as required by the Agency.
- 7.5 The licensee shall maintain all sampling and monitoring points, and clearly label and name all sampling and monitoring locations, so that they may be used for representative sampling and monitoring.
- 7.6 The licensee shall install on all emission points such sampling points or equipment, including any data-logging or other electronic communication equipment, as may be required by the Agency. All such equipment shall be consistent with the safe operation of all sampling and monitoring systems.

7.7 All automatic monitors and samplers shall be functioning at all times (except during maintenance and calibration) when the activity is being carried on, unless alternative sampling or monitoring has been agreed, in writing, by the Agency for a limited period. In the event of the malfunction of any continuous monitor, the licensee shall contact the Agency as soon as practicable, and alternative sampling and monitoring facilities shall be put in place. Prior written agreement for the use of alternative equipment, other than in emergency situations, shall be obtained from the Agency.

7.8 Nuisance Monitoring

The licensee shall, at a minimum of one week intervals, inspect the facility and its immediate surrounds for nuisances caused by litter, vermin, birds, flies, mud, dust and odours.

REASON: To ensure compliance with the conditions of this licence by provision of a satisfactory system of monitoring of emissions.

CONDITION 8 CONTINGENCY ARRANGEMENTS

- 8.1 In the event of an incident the licensee shall immediately:-
- identify the date, time and place of the incident;
 - carry out an immediate investigation to identify the nature, source and cause of the incident and any emission arising therefrom;
 - isolate the source of any such emission;
 - evaluate the environmental pollution, if any, caused by the incident;
 - identify and execute measures to minimise the emissions/malfunction and the effects thereof; and
 - provide a proposal to the Agency for its agreement within one month of the incident occurring to:-
 - identify and put in place measures to avoid reoccurrence of the incident; and
 - identify and put in place any other appropriate remedial action.
- 8.2 The licensee shall, within nine months of the date of grant of this licence, submit a written Emergency Response Procedure (ERP) to the Agency for its agreement. The ERP shall address any emergency situations which may originate on the facility and shall include provision for minimising the effects of any emergency on the environment.
- 8.3 The licensee shall have in storage an adequate supply of containment booms and/or suitable absorbent material to contain and absorb any spillage at the facility. Once used the absorbent material shall be disposed of at an appropriate facility.
- 8.4 Emergencies
- 8.4.1 In the event of a complete breakdown of equipment or any other occurrence which results in the closure of the transfer station building, any waste arriving at or already collected at the facility shall be transferred directly to appropriate landfill sites or any other appropriate facility until such time as the transfer station building is returned to a

fully operational status. Such a breakdown event will be treated as an emergency and rectified as soon as possible.

- 8.4.2 All significant spillages occurring at the facility shall be treated as an emergency and immediately cleaned up and dealt with so as to alleviate their effects.
- 8.4.3 No waste shall be burnt within the boundaries of the facility. A fire at the facility shall be treated as an emergency and immediate action shall be taken to extinguish it and notify the appropriate authorities.

REASON To ensure compliance with the conditions of this licence by provision of a satisfactory system of monitoring of emissions.

CONDITION 9 RECORDS

- 9.1 The licensee shall keep the following documents at the facility office:-
- the current waste licence relating to the facility;
 - the current EMS for the facility;
 - the previous year's AER for the facility;
 - application(s) for a licence; and,
 - all written procedures produced by the licensee which relate to the licensed activities.
- 9.2 The licensee shall maintain a written record for each load of waste arriving at and departing from the facility. The licensee shall record the following:-
- the date;
 - the name of the carrier (including if appropriate, the waste collection permit details);
 - the vehicle registration number;
 - the name of the producer(s)/collector(s) of the waste as appropriate;
 - the name of the waste facility (if appropriate) from which the load originated including the waste licence or waste permit register number;
 - a description of the waste including the associated EWC codes;
 - the quantity of the waste, recorded in tonnes;
 - the name of the person checking the load;
 - where loads or wastes are removed or rejected, details of the date of occurrence, the types of waste and the facility to which they were removed including the waste licence and waste permit register number of these facilities as appropriate; and
 - where applicable a consignment note number (including transfrontier shipment notification and movement/tracking form numbers, as appropriate).
- 9.3 Written Records
- The following written records shall be maintained by the licensee:-
- the types and quantities of waste recovered at the facility each year. These records shall include the relevant EWC Codes and any details required to complete national reports on waste statistics;
 - all training undertaken by facility staff;

- c) results from all integrity tests of bunds and other structures and any maintenance or remedial work arising from them;
 - d) details of all nuisance inspections;
 - e) the names and qualifications of all persons who carry out all sampling and monitoring as required by this licence and who carry out the interpretation of the results of such sampling and monitoring; and
 - f) details of daily floor washing and cleaning.
- 9.4 The licensee shall maintain a written record of all complaints relating to the operation of the activity. Each such record shall give details of the following:-
- a) date and time of the complaint;
 - b) the name of the complainant;
 - c) details of the nature of the complaint;
 - d) actions taken on foot of the complaint and the results of such actions; and,
 - e) the response made to each complainant.
- 9.5 A written record shall be kept of each consignment of waste water removed from the facility. The record shall include the following:-
- a) the name of the carrier;
 - b) the date and time of removal of waste water from the facility;
 - c) the volume of waste water, in cubic metres, removed from the facility on each occasion;
 - d) the name and address of the Waste Water Treatment Plant to which the waste water was transported; and
 - e) any incidents or spillages of waste water during its removal or transportation.
- 9.6 A written record shall be kept at the facility of the programme for the control and eradication of vermin and fly infestations at the facility. These records shall include as a minimum the following:-
- a) the date and time during which spraying of insecticide is carried out;
 - b) contractor details;
 - c) contractor logs and site inspection reports;
 - d) details of the rodenticide(s) and insecticide(s) used;
 - e) operator training details;
 - f) details of any infestations;
 - g) mode, frequency, location and quantity of application; and,
 - h) measures to contain sprays within the facility boundary.

REASON: To provide for the keeping of proper records of the operation of the facility.

CONDITION 10 REPORTS AND NOTIFICATIONS

10.1 Unless otherwise agreed by the Agency, all reports and notifications submitted to the Agency shall:-

- a) be sent to the Agency's Regional Inspectorate, Inniscarra, Cork;
- b) comprise one original and three copies unless additional copies are required;
- c) be formatted in accordance with any written instruction or guidance issued by the Agency;
- d) include whatever information as is specified in writing by the Agency;
- e) be identified by a unique code, indicate any modification or amendment, and be correctly dated to reflect any such modification or amendment;
- f) be submitted in accordance to the relevant reporting frequencies specified by this licence, such as in *Schedule E: Recording and Reporting to the Agency* of this licence;
- g) be accompanied by a written interpretation setting out their significance in the case of all monitoring data; and
- h) be transferred electronically to the Agency's computer system if required by the Agency.

10.2 In the event of an incident occurring on the facility, the licensee shall:-

- a) notify the Agency as soon as practicable and in any case not later than 10.00 am the following working day after the occurrence of any incident;
- b) submit a written record of the incident, including all aspects described in Condition 9.1(a-e), to the Agency as soon as practicable and in any case within five working days after the occurrence of any incident;
- c) in the event of any incident which relates to discharges to surface/sewer water, notify Limerick County Council as soon as practicable and in any case not later than 10:00am on the following working day after such an incident; and
- d) Should any further actions be taken as a result of an incident occurring, the licensee shall forward a written report of those actions to the Agency as soon as practicable and no later than ten days after the initiation of those actions.

10.3 A proposal for a Decommissioning and Aftercare Plan for the facility shall be submitted to the Agency within 18 months of the date of grant of this licence. The licensee shall update these schemes when required by the Agency.

10.4 Waste Recovery Reports

Within six months of the date of grant of this licence, a report examining waste recovery options shall be submitted to the Agency for its agreement. This report shall address methods to contribute to the achievement of the recovery targets stated in national and European Union waste policies and shall include the following:-

- a) proposals for the contribution of the facility to the achievement of targets for the reduction of biodegradable waste to landfill as specified in the Landfill Directive;
- b) the separation of recyclable materials from the waste;

- c) the recovery of Construction and Demolition Waste;
- d) the recovery of metal waste and white goods;
- e) the recovery of commercial waste, including cardboard; and
- f) other wastes.

10.5 Monitoring Locations

Within three months of the date of grant of this licence, the licensee shall submit to the Agency an appropriately scaled drawing(s) showing all the monitoring locations that are stipulated in this licence. The drawing(s) shall include the reference code of each monitoring point.

10.6 Annual Environmental Report

10.6.1 The licensee shall submit to the Agency for its agreement, by 31st of January 2004, and one month after the end of each calendar year thereafter, an Annual Environmental Report (AER).

10.6.2 The AER shall include as a minimum the information specified in *Schedule F: Content of the Annual Environmental Report*, of this licence and shall be prepared in accordance with any relevant written guidance issued by the Agency.

REASON: To provide for proper reporting and notification of the Agency.

CONDITION 11 CHARGES AND FINANCIAL PROVISIONS

11.1 Agency Charges

11.1.1 The licensee shall pay to the Agency an annual contribution of €17,401.84 or such sum as the Agency from time to time determines, towards the cost of monitoring the activity or otherwise in performing any functions in relation to the activity, as the Agency considers necessary for the performance of its functions under the Waste Management Act, 1996. The licensee shall in 2004 and subsequent years, not later than January 31 of each year, pay to the Agency this amount updated in accordance with changes in the Public Sector Average Earnings Index from the date of the licence to the renewal date. The updated amount shall be notified to the licensee by the Agency. For 2003, the licensee shall pay a pro rata amount from the date of this licence to 31st December. This amount shall be paid to the Agency within one month of the date of grant of this licence.

11.1.2 In the event that the frequency or extent of monitoring or other functions carried out by the Agency needs to be increased the licensee shall contribute such sums as determined by the Agency to defraying its costs.

11.2 Financial Provision for Closure, Restoration and Aftercare

11.2.1 The licensee shall arrange for an independent third party risk assessment of the facility to be carried out. The risk assessment shall have particular regard to any accidents, emergencies, or other incidents, which might occur at the facility and their effect on the environment. The risk assessment shall include a comprehensive and fully costed Environmental Liabilities Risk Assessment for the facility together with a proposal for

Financial Provision arising from the carrying on of the activities to which this licence relates including the restoration of the facility. The risk assessment shall be submitted to the Agency for its agreement within six months of the date of grant of this licence.

11.2.2 The licensee shall within six months establish and maintain a fund, or provide a written guarantee for the costs determined under Condition 11.2.1. The type of fund established and means of its release/recovery shall be agreed by the Agency prior to its establishment.

11.2.3 The licensee shall within two weeks of purchase, renewal or revision of the financial provision required under Condition 11.2.1, forward to the Agency written proof of such indemnity.

11.2.4 Unless otherwise agreed any revision to the fund shall be computed using the following formula:

$$\text{Cost} = (\text{ECOST} \times \text{WPI}) + \text{CiCC}$$

Where:

Cost = Revised decommissioning and aftercare cost.

ECOST = Existing decommissioning and aftercare cost.

WPI = Appropriate Wholesale Price Index [Capital Goods, Building & Construction (i.e. Materials & Wages) Index], as published by the Central Statistics Office, for the year since last closure calculation/revision.

CiCC = Change in compliance costs as a result of change in site conditions, changes in law, regulations, regulatory authority charges, or other significant changes.

11.3 Sanitary Authority Charges

11.3.1 Upon connection to the sewer the licensee shall pay to the Sanitary Authority a charge per cubic meter of trade effluent discharged to the foul sewer or such sum as may be determined by the Agency, having regard to the variations in the cost of providing drainage and the variation in effluent reception and treatment costs. This amount shall be paid to the Sanitary Authority within one month of connection to the sewer and annually thereafter within one month of the date of notification by the Sanitary Authority of the updated annual amount.

11.3.2 The licensee shall pay to the Sanitary Authority a charge or such sum as may be determined by the Agency towards the cost of monitoring the discharge of trade effluent. This amount shall be paid to the Sanitary Authority within one month of connection to the sewer and annually thereafter within one month of the date of notification by the Sanitary Authority of the updated annual amount.

REASON: To provide for adequate financing for monitoring and financial provisions for measures to protect the environment.

SCHEDULE A : Waste Acceptance

A.1 Waste Acceptance

Table A.1 Waste Categories and Quantities

WASTE TYPE	MAXIMUM (TONNES PER ANNUM) ^{Note 1}
Construction and Demolition Waste	4,500
Commercial and Industrial	70,000
Municipal	15,500
TOTAL	90,000

Note 1: The quantities of the individual waste types may be adjusted, only with the agreement of the Agency, subject to the total waste quantity remaining the same.

SCHEDULE B : Specified Engineering Works

Specified Engineering Works
Installation of any new silt traps and oil interceptors.
Installation of waste handling, processing, recycling/recovery infrastructure and installation of increased waste processing capacity.
Construction of a designated secure storage area for overnight storage of waste within the Waste Transfer Building.
Any other works notified in writing by the Agency.

SCHEDULE C : Emission Limits

C.1 Noise Emissions: (Measured at the monitoring points indicated in Table D.1.1).

Day dB(A) L_{Aeq} (30 minutes)	Night dB(A) L_{Aeq} (30 minutes)
55	45

C.2 Dust Deposition Limits: (Measured at the monitoring points indicated in Table D.1.2).

Level ($mg/m^2/day$) ^{Note 1}
350

Note 1: 30 day composite sample with the results expressed as $mg/m^2/day$.

C.3 Surface Water Discharge Limits (i.e. discharges from oil interceptor):
 Measured at the monitoring point FE1.

Parameter	Emission Limit Value
Mineral oils	5mg/l for discharges from Class 1 interceptor to receiving water
Suspended Solids	60 mg/l

C.4 Sewer Emission Limits

Emission Point Reference No. FE2

Volume to be emitted: ^{Note 1} Maximum in any one day: m³ ^{Note 1}

Parameter ^{Note 2}	Emission Limit Value ^{Note 1}
	Daily Mean Concentration (mg/l) ^{Note 1}
BOD	10,000
COD	30,000
Ammoniacal Nitrogen	50
Suspended solids	2,000
Sulphate	500
PH	6-9
Temperature (degrees Celcius)	42
Other parameters	

Note 1: To be agreed with the Sanitary Authority and the Agency and may be amended subject to the agreement of the Sanitary Authority and the Agency.

Note 2: Additional parameters may be included by the Sanitary Authority and agreed by the Agency.

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SCHEDULE D : Monitoring

Monitoring to be carried out as specified below.

D.1 Monitoring Locations

Monitoring locations shall be those as set out in Table D.1.1 and/or Drawing No. C98-101-02-Rev.2.

Table D.1.1 Noise, surface water and wastewater Monitoring Locations

GROUND-WATER STATIONS	SURFACE WATER STATIONS		WASTE WATER STATIONS
GMB1	WS0	WS9	FE1 (Outlet from oil interceptors <i>Note 1</i>)
GMB2	WS10	WS11	FE2 (Outlet from wastewater treatment plant <i>Note 2</i>)
GMB3	WS12		

Note 1: Outlet from oil interceptors, prior to discharge to percolation area

Note 2: Outlet from wastewater treatment plant, if one is installed

Table D.1.2 Emissions to Atmosphere Monitoring Locations

DUST STATIONS	NOISE STATIONS
DM1	NI1
DM2	NI2
DM3	NI3
	NI4

D.2 Dust

Table D.2.1 Dust Monitoring Frequency and Technique.

Parameter (mg/m ² /day)	Monitoring Frequency	Analysis Method/Technique
Dust	Three times a year <i>Note 2</i>	Standard Method <i>Note 1</i>

Note 1: Standard method VD12119 (Measurement of Dustfall, Determination of Dustfall using Bergerhoff Instrument (Standard Method) German Engineering Institute). A modification (not included in the standard) which 2 methoxy ethanol may be employed to eliminate interference due to algae growth in the gauge.

Note 2: Twice during the period May to September.

D.3 Noise

Table D.3.1 Noise Monitoring Frequency and Technique

Parameter	Monitoring Frequency	Analysis Method/Technique
L(A) _{EQ} [30 minutes]	Annual	Standard ^{Note 1}
L(A) ₁₀ [30 minutes]	Annual	Standard ^{Note 1}
L(A) ₉₀ [30 minutes]	Annual	Standard ^{Note 1}
Frequency Analysis (1/3 Octave band analysis)	Annual	Standard ^{Note 1}

Note 1: "International Standards Organisation. ISO 1996. Acoustics - description and Measurement of Environmental noise. Parts 1, 2 and 3."

D.4 Surface Water Emissions

Table D.4.1 Surface water/Groundwater Monitoring Frequency and Techniques

Parameter	Surface Water Monitoring Frequency	Groundwater Monitoring Frequency	Analysis Method/Technique
PH	Bi-annually	Bi-annually	Electrometry
Biological Oxygen Demand	Bi-annually	Bi-annually	Standard Methods ^{Note 1}
Suspended Solids	Bi-annually	Bi-annually	Standard Methods ^{Note 1}
Mineral Oils	Bi-annually	Bi-annually	Standard Methods ^{Note 1}
Fats, Oils, Grease	Bi-annually	Bi-annually	Standard Methods ^{Note 1}
Diesel Range Hydrocarbons	Not applicable	Bi-annually	Standard Methods ^{Note 1}
Aliphatic Hydrocarbons	Not applicable	Bi-annually	Standard Methods ^{Note 1}
Undecane	Not applicable	Bi-annually	Standard Methods ^{Note 1}

Note 1: "Standards Methods for the Examination of Water and Wastewater", (prepared and published jointly by A.P.H.A., A.W.W.A & W.E.F) 20th Ed., American Public Health Association, 1015 Fifteenth Street, Washington DC 20005, USA.

D.5 Wastewater Emissions

Table D.5.1 Waste water Monitoring Frequency and Techniques

Parameter ^{Note 3}	Monitoring Frequency ^{Note 2}	Analysis Method/Technique
PH	Bi-annually	Electrometry
Biological Oxygen Demand	Bi-annually	Standard Methods ^{Note 1}
Suspended Solids	Bi-annually	Standard Methods ^{Note 1}
Fats, Oils, Grease	Bi-annually	Standard Methods ^{Note 1}
Temperature	Bi-annually	Temperature probe
Sulphate	Bi-annually	Standard Methods ^{Note 1}
Ammoniacal nitrogen	Bi-annually	Standard Methods ^{Note 1}
Total Phosphorus	Bi-annually	Standard Methods ^{Note 1}
Total Nitrogen	Bi-annually	Standard Methods ^{Note 1}
Other parameters		

Note 1: "Standards Methods for the Examination of Water and Wastewater", (prepared and published jointly by A.P.H.A., A.W.W.A & W.E.F) 20th Ed., American Public Health Association, 1015 Fifteenth Street, Washington DC 20005, USA.

Note 2: May be amended by agreement with the Sanitary Authority and the Agency.

Note 3: Additional parameters may be included by the sanitary authority and agreed by the Agency.

SCHEDULE E : Recording and Reporting to the Agency

Report	Reporting Frequency ^{Note1}	Report Submission Date
Environmental Management System Updates	Annually	One month after the end of the year reported on.
Annual Environment Report (AER)	Annually	Thirteen months from the date of grant of licence and one month after the end of each calendar year thereafter.
Record of incidents	As they occur	Within five days of the incident.
Bund, tank and container integrity assessment	Every three years	Six months from the date of grant of licence and one month after end of the three year period being reported on.
Specified Engineering Works reports	As they arise	Prior to the works commencing.
Monitoring of Surface Water Quality	Bi-annually	Ten days after end of the quarter being reported on.
Monitoring of Groundwater Quality	Bi-annually	Ten days after end of the quarter being reported on.
Monitoring of Wastewater	Bi-annually	Ten days after end of the quarter being reported on.
Dust Monitoring	Three times a year	Ten days after the period being reported on.
Noise Monitoring	Annually	One month after end of the year being reported on.
Any other monitoring	As they occur	Within ten days of obtaining results.

Note 1: Unless altered at the request of the Agency.

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SCHEDULE F : Content of the Annual Environmental Report

Annual Environmental Report Content ^{Note 1}
Reporting Period.
Waste activities carried out at the facility.
Quantity and Composition of waste recovered, received and disposed of during the reporting period and each previous year (relevant EWC codes to be used).
Summary report on emissions.
Summary of results and interpretations of environmental monitoring, including a location plan of all monitoring locations.
Resource and energy consumption summary.
Development / Infrastructural works in place and planned, to process waste quantities projected for the following year (including plant operating capacity, provision of adequate standby capacity and provision of contingency, backup and spares in the case of breakdown).
Schedule of Environmental Objectives and Targets for the forthcoming year.
Report on biodegradable waste targets, as per Condition 11.3.
Report on the progress towards achievement of the Environmental Objectives and Targets contained in previous year's report.
Full title and a written summary of any procedures developed by the licensee in the year which relates to the facility operation.
Tank, drum, pipeline and bund testing and inspection report.
Reported Incidents and Complaints summaries.
Review of Nuisance Controls.
Reports on financial provision made under this licence, management and staffing structure of the facility, and a programme for public information.
Volume of foul water produced and volume of foul water transported off-site.
Any other items specified by the Agency.

Note 1 Content to be revised subject to the agreement of the Agency after cessation of waste acceptance at the facility.

Sealed by the seal of the Agency on this the 6th day of November 2003

**PRESENT when the seal of the Agency
was affixed hereto:**

Dr Padraic Larkin, Director/Authorised Person

ATTACHMENT 2F

Section 2.5 Relevant Convictions

Has the Proposed Transferee/other relevant person been convicted under any of the following:

- **the Environmental Protection Agency Acts 1992 to 2012?**
- **Waste Management Acts 1996 to 2012?**
- **Local Government (Water Pollution) Acts 1977 and 1990?**
- **Air Pollution Act 1987?**

The cases listed below are described on the following pages:

September 2008 – Wexford County Council v Greenstar Limited

November 2008 – EPA v Greenstar Recycling Holdings Limited

June 2009 – DPP v South East Recycling Company Limited

June 2010 – EPA v Greenstar Holdings Limited

October 2010 – EPA v KTK Landfill Limited

April 2012 – EPA v Greenstar Limited

The relevant personnel on behalf of the Applicant are:

Chris Bell (Director from July 2009 onwards)

Jerry Dempsey (Director of Greenstar Limited since 16/04/2008. Director of Greenstar Holdings Limited since 17/01/2005, Director of KTK Landfill Limited since 05/08/2008, Director of South East Recycling Company Limited since 05/08/2008)

September 2008 – Wexford County Council v Greenstar Limited

Wexford County Council prosecuted Greenstar Limited in Wexford District Court 22 September 2008 for contravening the terms of its waste collection permit by collecting dry mixed recyclables in a general waste truck. The background to the case was that Greenstar had taken a pro-active measure of collecting both waste types on the day in question in order to alleviate the situation whereby refuse bags were being left uncollected in the Rosslare Strand area. The action was taken by Greenstar on foot of complaints received from local residents and businesses in relation to environmental nuisance arising from uncollected bags which were being left out by holiday makers.

A fine of €400 was imposed.

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November 2008 – EPA v Greenstar Recycling Holdings Limited

On the 27 and 28 November 2008 the EPA prosecuted Greenstar Recycling Holdings Limited at Ballinasloe District Court in relation to two offences under Section 39 of the Waste Management Acts for breaches of its Waste Licence for its landfill facility at Kilconnell, County Galway (Connaught Regional Landfill Facility – Licence Registration No. W0178-01).

The offences related to failure to ensure that activities on the site were carried out in a manner such that emissions did not result in significant impairment of or significant interference with the environment beyond the facility boundary and failure to ensure that odours did not give rise to nuisance at the facility or in the immediate area of the facility.

Judgment in this case was delivered on 5 January 2009 and Greenstar Recycling Holdings Limited was found guilty of the charges.

A fine of €3,500 was imposed.

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June 2009 – DPP v South East Recycling Company Limited

On 30 June 2009 in Wexford Circuit Court, South East Recycling Company Limited pleaded guilty to offences under Section 39(1) and 39(9) of the Waste Management Act 1996, as amended, for breach of Waste Licence register number W0111-01.

South East Recycling Company Limited pleaded guilty to exceeding the annual waste tonnage limit specified in its licence in 2007.

Following appeal a fine of €200,000 was imposed.

Note that this facility ceased operations in 2011 and the licence was surrendered in 2012.

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June 2010 – EPA v Greenstar Holdings Limited

On 9 June 2010 at Navan District Court the EPA prosecuted Greenstar Holdings Limited in relation to two offences under Sections 39 (Sections 39(1) and 39(2) of the Waste Management Acts 1996 to 2010 for breaches of its Waste Licence for its landfill facility in County Meath (Knockharley Landfill – Licence Registration No. W0146-01).

Greenstar Holdings Limited pleaded guilty to: failing to ensure that the activities on the site were carried out in a manner such that emissions did not result in significant impairment of or significant interference with the environment beyond the facility boundary.

A fine of €500 was imposed.

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October 2010 – EPA v KTK Landfill Limited

On 4 October 2010 KTK Landfill Limited pleaded guilty to four charges brought by EPA in relation to offences under Section 14(6) (c), 39(1) & 39(9) of the Waste Management Act (as amended) for breaches of its Waste Licence for its landfill facility in County Kildare (KTK Landfill – Licence Registration No. W0081-03). The charges related to:

1. Providing false and misleading information to an authorised person and the EPA;
2. Permitting emissions to surface water which were of environmental significance and were not specified emissions;
3. Permitting leachate levels in the waste to exceed a level of 1.0m over the top of the liner at the base of the landfill; and
4. Failing to contact the EPA as soon as practicable after the malfunction of a continuous monitor and failing to put in place alternative monitoring facilities.

Fines of €2,000 were imposed in relation to each of the four charges.

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April 2012 – EPA v Greenstar Limited

On 16 April 2012 the EPA prosecuted Greenstar Limited at Dublin Metropolitan Court for offences under Sections 39(1) and 39(9) of the Waste Management Acts 1996 (as amended) for breaches of its Waste Licence at a transfer station located in Tallaght, County Dublin (W0079-01). The Company pleaded guilty to:

1. Failing to direct waste arriving at the facility to the transfer station building and failing to deposit it on the floor of the waste transfer building for visual inspection;
2. Placing waste and allowing waste to accumulate outside the transfer buildings other than as permitted or agreed in advance by the Agency; and
3. Accepting waste at the facility which had not been subjected to initial waste categorisation off site.

A total fine of €1,000 was imposed.

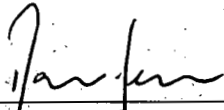
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STATEMENT OF STARRUS ECO HOLDINGS LIMITED

Statement of Starrus Eco Holdings Limited for the purposes of Section 2.8 of the Waste Licence Transfer Application

We, the undersigned, confirm that, as and from the date of licence transfer, we have assumed and accept all liabilities, requirements and obligations provided for in or arising under the licence (No. W0082-02), or revised licence, regardless of how and in respect of what period, including a period prior to the transfer of the licence or revised licence that they may arise.

Signed on the 14 day of June 2013



David O'Beirne, Director
for and on behalf of
Starrus Eco Holdings Limited

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Number 527552

Certificate of Incorporation

I hereby certify that

STARRUS ECO HOLDINGS LIMITED

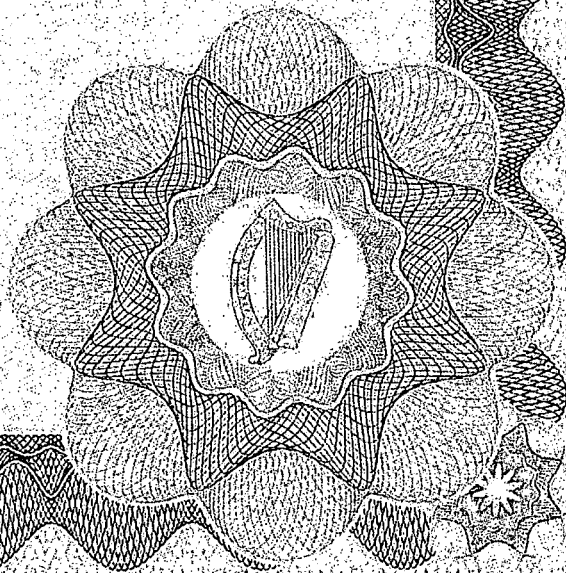
is this day incorporated under
the Companies Acts 1963 to 2012,
and that the company is limited.

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Given under my hand at Dublin, this
Wednesday, the 15th day of May, 2013

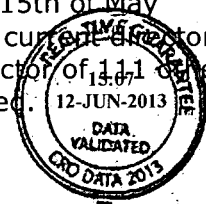
Per DA

for Registrar of Companies



COMPANY NAME: **STARRUS ECO HOLDINGS LIMITED**

Company Summary: Starrus Eco Holdings Limited was set up on Wed the 15th of May 2013. Their current status is Normal. The company's current directors of 111 are Conor Swaine and David O'Beirne have been the directors of 13 other companies between them - 37 of which are now closed.



Registered Number: **527552**
Company Type: PRIVATE LIMITED BY SHARES
Incorporated: 15/05/2013
Company Status: **NORMAL**
Credit Check: Accounts Not Filed

May Trade As: **View Businesses Owned By This Company?**

Share Cap. Currency: EURO
Authorised Capital: 1,000,000

Next Annual Return Date: 15/11/2013
Last AR Filed:

Registered Address: SUITE 3
 ONE EARLSFORT CENTRE
 LOWER HATCH STREET
 DUBLIN 2
View Other Companies At This Address?

Principal NACE Code: 74.15 MANAGEMENT ACTIVITIES OF HOLDING COMPANIES
View the Top 20 companies in this industry

DIRECTORS AND SECRETARY - AS PER C.R.O. AT 12/06/2013

Name: THE SECRETARIAL COMPANY LIMITED **Other Directorships?**
Title: SECRETARY
Address: SUITE 3,
 ONE EARLSFORT CENTRE,
 LOWER HATCH STREET,
 DUBLIN 2.
Date of Birth: 08/02/1991

Name: CONOR SWAINE **Other Directorships?**
Title: DIRECTOR
Address: AVALON HOUSE
 BRIGHTON ROAD
 FOXROCK
 DUBLIN 18
Date of Birth: 02/11/1983

Name: DAVID O'BEIRNE **Other Directorships?**
Title: DIRECTOR
Address: HEADFORD COTTAGE, 11 AVOCA AVENUE

BLACKROCK
CO. DUBLIN

Date of Birth: 22/06/1957

Directorship/Secretarial changes in the last 2 years.

APPOINTMENTS

TITLE	NAME	DATE OF BIRTH	APPOINTED
SECRETARY	THE SECRETARIAL COMPANY LIMITED	08/02/1991	15/05/2013
DIRECTOR	CONOR SWAINE	02/11/1983	15/05/2013
DIRECTOR	DAVID O'BEIRNE	22/06/1957	15/05/2013

View Full History Of Directors Report?
Appointments & Resignations

JUDGMENTS

Judgment Search: Would you like us to carry out a Judgment Search?

MORTGAGES AND CHARGES

None Registered

DOCUMENTS FILED AT C.R.O.

Please send me any future documents filed by Starrus Eco Holdings.

Documents will be sent as soon as they become available and will be charged at the standard document fee.

STATUS	SUBMISSION	EFFECTIVE OR ACCOUNTS TO DATE	RECEIVED	SUB NUM	VIEW	PAGES
REG	A1 APPLICATION TO REGISTER AS A NEW COMPANY,	15/05/2013	09/05/2013	8635749/1	PDF	13
REG	MEMORANDUM AND ARTICLES	15/05/2013	09/05/2013	8635749/2	PDF	15
REG	CERTIFICATE - NEW COMPANY WITH MEMO & ARTS WITH CAPITAL DUTY	15/05/2013	09/05/2013	8635749/3	PDF	1

LIQUIDATORS & RECEIVERS

Liquidators Appointed: None Registered

Receivers Appointed: None Registered

[Data in this report is based on CRO data last updated on: 12/06/2013 at 10.00 am]