

Rec'd 8/11/2013



Environmental Protection Agency
An Ghníomhaireacht um Chaomhnú Comhshaoil

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	W0163-01
1.2	Name of Current Licensee	Bergin Waste Disposal Ltd.
1.3	Address of Current Licensee	Industrial Estate, Ballaghaderreen, Co Roscommon
1.4	Contact details for nominated person(s) or persons in relation to the transfer application	Sean Bergin 0872378632 / 0949048220 Buckhill, Ballaghaderreen, Co Roscommon
1.5	Class/Nature of Activity	Waste Transfer & Recycling Depot
1.6	Location of activity to which the licence relates	Industrial Estate, Ballaghaderreen, Co Roscommon
1.7	Name of Proposed Transferee	All-Star Shredding Ltd.
1.8	Reason for licence transfer request (provide detail in fifty words or less)	Bergin Waste Disposal is not trading anymore and entering into a voluntary liquidation in 2013.
1.9	Desired date for proposed transfer to take effect?	January 2013

<p>1.10</p>	<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>This was carried out in June 2012 by Tobin Consulting Engineers. See attached.</p>
<p>1.11</p>	<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>Not applicable as Barna Waste are operating under the license at the Industrial Estate, Ballaghaderreen.</p> <p>Not Applicable</p>

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	All-Star Shredding Ltd.
2.2	Address of Proposed Transferee	Buckhill Fairymount, Castlerea, Co Roscommon
2.3	Contact details for nominated person(s) in relation to the transfer application	Sean Bergin, 0872378632 , 0949048220 Buckhill, Fairymount, Castlerea, Co Roscommon
2.4	<p><i>General background on the Proposed Transferee. (approx. 150 words or less)</i></p> <p><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>Provider of confidential shredding service.</p> <p>2008</p> <p>Accounts for y/e 31.08.2012 in the process of being completed.</p> <p>Not a holding company</p> <p>Not applicable</p>
2.5	<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>	No

<p>2.6</p>	<p>Provide:</p> <p>(a) names (b) details of relevant education, training and experience; and (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>Sean Bergin</p> <p>Prior owner of Bergin Waste Disposal Ltd had until 2008 when he sold the waste transfer and recycling business to Bruscar Bhearna Teoranta.</p>
<p>2.7</p>	<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, I have entered into an EPA bond for €25,000¹</p> <p>Yes</p>

² The 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.



2.8	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>	As attached
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.	No
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.	No

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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

I/We, the undersigned, hereby apply to the Environmental Protection Agency, as per Section 47 of the Waste Management Acts 1996 to 2012 / Section 94 of the Environmental Protection Agency Acts 1992 to 2012 (delete as appropriate) for the transfer of licence reg. no. (licence number here) from (Licensee Details here) to (Proposed Transferee Details here).

Signed:	<i>Sean Bergen</i>
Licensee Name:	Bergin Waste Disposal Ltd.
Date:	21 st December 2012
Company Seal: (where available)	



Signed:	<i>Sean Bergen</i>
Proposed Transferee Name:	All-Star Shredding Ltd, Sean Bergen
Date:	21 st December 2012.
Company Seal: (where available)	



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Environmental Liabilities Risk Assessment

BERGIN WASTE DISPOSAL LTD.
EPA Waste Licence reference no. W0163-01

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BERGIN WASTE DISPOSAL LTD.
BALLAGHADERREEN INDUSTRIAL ESTATE
BALLAGHADERREEN CO. ROSCOMMON
TEL: 094-9860807
FAX: 094-9860878

1.0 Introduction

Condition 12.2.1 of Waste Licence 163-1, requires the licensee to arrange for the preparation of an Environmental Liabilities Risk Assessment (ELRA) for the Bergin Waste Disposal facility at Ballaghaderreen, Co. Roscommon. The ELRA must address the liabilities arising from the carrying on of waste activities to which the licence relates. The following environmental liabilities risk assessment was carried out in accordance with the procedures outlined by Dr. Jonathon Derham, E.P.A., in a paper entitled "The Management of Environmental Risk on Industrial Sites".

1.1 Limitations

White Young Green has prepared this report for the use of Bergin Waste Disposal Ltd and for submission to the EPA in accordance with generally accepted consulting practices. No other warranty, expressed or implied, is made as to the professional advice included in this report. Unless otherwise stated in this report, the assessment assumes that the site and facilities continue to be used for their purpose without significant change.

2.0 The Site

Bergin Waste Disposal Ltd (BWDL) currently operates a waste collection and recycling business, which services counties Roscommon, Sligo and Mayo. The site is located in Ballaghaderreen Industrial Estate, approximately 1km west of the town. The primary functions of the facility are to segregate waste, recycle waste and to bulk waste prior to transportation to recovery facilities or licensed landfill. The main waste types accepted at the facility include commercial and industrial waste, household waste and construction and demolition waste. All wastes accepted at the site are solid and non-hazardous in nature.

As required by Conditions 3.10 and 3.11 of the Waste Licence, the site is serviced by separate surface and foul water drainage systems. Both systems are fitted with shut-off valves and a three-chamber oil interceptor is fitted on the surface water system. Foul

Bergin Waste Disposal Page 1 of 8



K.T. Cullen & Co. Ltd.
Hydrogeological & Environmental Consultants



White Young Green (IRL) Ltd.
Engineering & Environmental Consultants

water from the facility is discharged to the public foul sewer while surface water is discharged to the adjoining stream via a three-chamber oil interceptor.

2.1 Adjoining Land Use

The waste transfer / recycling centre occupies the south-eastern portion Ballaghaderreen Industrial Estate. Landuse within 0.5km of the site comprises industrial units, agricultural land and residential dwellings.

The site is bounded along the southern perimeter by a small stream known locally as the Convent Stream, which is a tributary of the Lung River which flows about 2Km south of the site. The River Lung discharges into Lough Gara about 6Km east-north-east of Ballaghaderreen.

3.0 Sources of Contamination

The potential sources of contamination at the facility have been divided into two categories:

- i. Sources of contamination which result from primary processes on the site
- ii. Sources of contamination which result from ancillary processes on the site

3.1 Sources of Contamination - Primary Processes

The main source of potential contamination which derive from the primary site processes is leachate:

i. Leachate

There is minimal potential for the generation of leachate as all waste will be processed in completely contained buildings which have a reinforced concrete base and metal clad walls and roof. The waste received on site will be non-hazardous and predominantly dry. Any small quantities of liquid contained in the waste tends to remain absorbed within the waste. If any leachate should be



generated, then it will be contained by the concrete base within the building and will be directed to foul sewer as conditioned in the Licence.

ii. Suspended Solids

Suspended solids may be generated as a result of dust generated on-site. However, as all processing will take place internally it is expected that t

3.2 Sources of Contamination - Ancillary Processes

Sources of contamination from ancillary site processes include the following:

i. Hydrocarbons

It is proposed to store diesel for the road fleet in 2 (no.) plastic 1,350 litre tanks. This will be located in a concrete bund with 110% capacity of the volume of one tank. Hydraulic oil and motor oil will also be stored in 200 litre drums in the bunded area.

Contamination from the tank may result from the leakage through either the tank wall or containment structure, rupture of both the tank wall and containment structures or overfilling of the tank and containment structures.

ii. Sewage Effluent

The existing sewer discharge from the site will be replaced by a discharge to the Corporation foul sewer when the foul sewer is commissioned. This system will be fitted with a shut-off valve.

iii. Surface water run-off

Surface water run-off from the site comprises clean run off from precipitation falling on roofs and paved or hard-standing areas of the site. Clean rainwater run-off from the roofed area is diverted directly to the adjoining stream.



Storm water from the yard areas will be collected in the surface water system and will be discharged to the adjacent stream via a three-chamber oil interceptor.

4.0 Exposure Pathways

The following are the main potential exposure pathways identified on the site:

4.1 Exposure by Groundwater

The potential for exposure by groundwater will be significantly reduced by the following mitigation measures:

- i. All waste is handled in covered and fully contained buildings. The floor is composed of reinforced concrete. Any effluent or floor washings from this building are contained by the floor of the building and discharges to the foul sewer under licence.
- ii. All areas of the site which are used by vehicles or for waste processing will be hardstanded.
- iii. Sewage effluent from the facility will discharge to the public foul sewer.
- iv. Surface water runoff from the roofs and open yard will be piped to the storm water system.
- v. Both the surface and foul water systems are fitted with shut-off valves.
- vi. The entire site is surrounded by a 15mm concrete lip/wall which serves as a bund around the site to contain any spills.
- vii. The diesel tanks are contained within a concrete bund with 110% capacity.



4.2 Exposure by Surface Water

The potential for exposure by surface water is reduced due to the following factors:

- i. Waste materials will be handled indoors thus reducing the risk of contaminated surface water run-off at the site.
- ii. All areas of the site which are used by vehicles or for waste processing will be hardstanded.
- iii. Run-off from roofs consists of clean rainfall and discharges to the storm water system. Run-off from the open yard generally consists of clean rainfall and passes through a three-chamber oil interceptor prior to discharge to the Convent Stream.
- iv. The entire site is surrounded by a 15mm concrete lip/wall which serves as a bund around the site to contain any spills.
- iv. The emergency response procedures for an oil spill on-site include the following: The source of the spill will be closed off immediately if possible. The Facility Manager or his Deputy will be notified immediately. The liquid will be contained as far as is practicable by employing absorbent booms and mats around drainage gullies and in the spill liquid itself. Shut off valves will be employed to isolate the spill. A waste oil tanker (or tankers) will be contracted immediately to pump liquid from interceptors and/or sediment traps. The following Agencies will be notified by telephone at the earliest opportunity: EPA; Roscommon County Council; the North Western Fisheries Board. All oil will be removed from the surface by either pumping or use of absorbent mats. All waste oils and materials will be disposed to an appropriate facility.



4.3 Exposure by Direct Contact

Exposure by direct contact is limited by the following factors:

- i. Access by the general public will be limited.
- ii. Any risks to plants and animals is avoided by the fact that the site is enclosed by a palisade fence and is located in an industrial estate.

5.0 Receptors

The receptors which have the potential to be impacted as a result of the activities at the Waste Transfer and Recycling Station are identified as:

- i. underlying aquifer
- ii. downgradient groundwater abstractors
- iii. water courses
- iv. air

5.1 Contamination of the Underlying Aquifer

5.1.1 Overburden Hydrogeology & Groundwater Quality

The soils underlying the area consist predominantly of the Gley Soil Group. This group of soils is characterised by their drainage impedance developed under conditions of permanent or intermittent waterlogging.

This group has derived from a parent material of till of predominantly limestone composition with minor constituents of sandstone and shale and discontinuous interbeds of outwash sand and gravel.

Due to poor physical properties such as weak structure, poor friability and poor drainage, these soils, except in favourable conditions present difficulties in cultivation. The characteristic weak structure and impervious nature renders such soils susceptible to poaching damage by grazing stock.



Tills generally are not considered to be aquifers due to their clayey nature and there is no evidence to suggest that the overburden at this site is any different. Clays tend to act mainly as protective and confining layers over the underlying bedrock.

5.1.2 Bedrock Hydrogeology

Detailed borehole information and hydrogeological data are scarce for this region. Therefore the aquifer classification is predominantly based on the bedrock geology, hence the classification outlined is tentative. In general sandstone units are not considered productive, however, individual well yields are a function of the degree of fracturing or faulting within the area. Therefore, where the degree of structural deformation is significant, then the permeability of the rock will be improved with a consequent increase in well yields.

The Boyle Sandstone Formation has been tentatively classed as a 'regionally important aquifer' (i.e. individual well yields in excess of 400 m³/day). This classification is based on investigations of similar sandstone units within the region, most notably the Mullaghmore Sandstone at Sligo where yields of 6 to 12 litres/ sec. have been recorded. However, the above classification is provisional and further investigations are required to confirm the aquifer classification of the region.

The consequence of an uncontrolled diesel/oil spill is considered major, the consequence of contamination is considered low. The probability of exposure is considered to be low. In conclusion, the risk of contamination of the underlying aquifer is considered to be low.

5.2 Water courses

The site is bounded along the southern perimeter by a small stream known locally as the Convent Stream, which is a tributary of the Lung River which flows about 2Km south of the site. The River Lung discharges into Lough Gara about 6Km east-north-east of Ballaghaderreen. In light of this, the consequence of an uncontrolled oil spill is considered major. However, the probability of exposure is expected to be low with the mitigation measures in place. In conclusion, the risk of contamination of nearby watercourses is expected to be moderate to low.



5.3 Air

Impacts on air quality from activities on the site are limited to dust deposition. All waste will be generally handled indoors. Both the probability of exposure and consequence are considered low. In conclusion, the risk of contamination, either on or off-site, is low.

6.0 Estimated Costs of Environmental Liabilities

The main potential risks to the environment from the normal operations on site are limited to an oil spill to the surface water system or to ground and an uncontrolled leakage of leachate from waste inside the buildings. The latter can be readily handled at a relatively low cost by removal of all waste from the site (estimated at a maximum of 100 tonnes) and disposal at a licensed facility and clean up of any residual liquids or solids – estimated cost £10,000.

An oil spill into the surface water system would be mitigated by the measures detailed above including storage of oil in a bunded tank, the operation of existing oil interceptors, a concrete bund around the site, the installation of cut-off valves and the emergency response procedures which will employ oil absorbent mats and booms. Therefore, it is difficult to gauge the size of a pollution incident and the associated cost for remedy and clean-up. However, if we assume that the maximum amount of oil that escapes from the site is the full amount of oil stored in one of the main oil tanks, 1,350 litres, and we assume that the oil escapes via the storm water system to the river or to ground then subsequent clean-up would be relatively costly. Clean up operations would include emplacement of oil retaining booms across the stream, pumping out and disposal of oil collected by the booms, bioremediation of the affected river banks and a high level of monitoring and supervision. Clean up for soil contamination would involve removal of contaminated soil for treatment. It is estimated, in our experience, that overall clean up costs for a spill of this magnitude may be as low as €10,000 but in a worst case scenario could be in the region of €300,000. A best estimate for cleanup costs is in the region of €50,000 to €70,000.



Number 454822

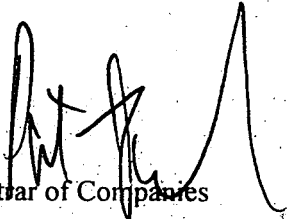
Certificate of Incorporation

I hereby certify that

ALL-STAR SHREDDING LIMITED

is this day incorporated under
the Companies Acts 1963 to 2006,
and that the company is limited.

Given under my hand at Dublin, this
Friday, the 14th day of March, 2008


for Registrar of Companies

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**Buckhill
Fairymount
Castlereagh
Co Roscommon**

21st December 2012

I, Sean Bergin, Buckhill, Fairymount, Castlereagh, Co Roscommon have assumed and accepted all liabilities, requirements and obligations provided for in or arising under the Licence No. W0163-01 regardless of how and in respect of what period, including a period prior to the transfer of the licence as they may arise.

Signed,

Sean Bergin

Sean Bergin

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By Registered Post

Attn: Karina
All Star Shredding Limited
Buckhill
Fairymount
Castlerea
Co. Roscommon

27 June 2013

Our Ref: W0163-01

Re. Financial Provision in respect of transfer of application of Waste Licence Reg. No. W0163-01 from Bergin Waste Disposal Limited to All Star Shredding Limited

Dear Karina

I wish to confirm that the enclosed financial security agreement in respect of the above licence transfer application was signed and sealed by the Agency and is now in place.

The financial security agreement is subject to the Agency effecting the transfer of the licence and will hold same as financial security in respect of your obligations under the licence and the relevant environmental legislation.

If the Agency does not approve the transfer of the licence, the financial security agreement will be returned to you without delay.

Enclosed is a copy of the bond.

Yours sincerely

Isobel Walsh
Office of Environmental Enforcement

Enc.

Mr Sean Curran
Bruscar Bhearna Teoranta
Carrowbrowne
Headford Road
Galway

C.C. Cambell Finnie, Facility Manager

4th July 2012

Our Ref: W0163-01/(12)APR04HB.docx

Dear Mr Curran

I refer to the Financial Provision Report (including details of Closure Plan, ELRA and proposed Financial Provision) dated June 2012 submitted by Tobin Consulting Engineers on your behalf on 22/06/2012 and received by the EPA on 25/06/2012.

The Agency agrees the technical content of these reports and approves the proposed Financial Provision. The Agency's standard Bond template is attached and this should be completed and submitted to the OEE promptly in order to enable the Waste Licence Transfer Application to progress.

Any future revisions of the ELRA, CRAMP and FP must have regard to the guidance provided in the Agency's *'Guidance on Environmental Liability Risk Assessment, Residuals Management Plans and Financial Provision'* or any future guidance issued by the Agency.

Please quote the above reference in future correspondence in relation to this matter.

Yours sincerely

Ms Helen Boyce, Inspector
Office of Environmental Enforcement

**Sean Bergin
Buckhill
Fairymount
Castlereagh
Co Roscommon**

EPA Regional Inspectorate Castlebar
John Moore Road
Castlebar
Co. Mayo

Date: 21st of December 2012
Att: Mike Henry

Hi Mike,

As discussed yesterday, please find attached the following in relation to the transfer of the License No. W0163-01 to All-Star Shredding that I have forwarded to your office today by email.

- **Waste Transfer Application Form**
- **Cheque for €5000**
- **Environmental Liabilities Risk Assessment carried out in June 2012**
- **Certificate of Incorporation for All-Star Shredding Ltd.**
- **Statement from myself as required by Question 2.8**

Can you please schedule me in for a meeting on the earliest date available in January in order to discuss same as there is a degree of urgency involved as mentioned yesterday.

Kind regards,

Sean Bergin
Bergin Waste Disposal Ltd.

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Environmental Protection Agency
OFF Castlebar

02 JAN 2013

Received _____
Initial SB