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

13<sup>th</sup> July 2010

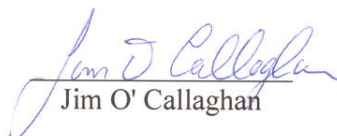
RE: Application for the Review of Waste Licence Reg. No. W0079-01  
Greenstar Ltd. Unit 41, Cookstown Industrial Estate, Tallaght, Dublin 24  
Article 14(2)(b)(ii) Further Information

To Whom It May Concern:

On behalf of Greenstar Ltd, I enclose one original and 2 hard copies of the response to your request under Article 14 (2)(b)(ii) relating to the application to review Waste Licence W0079-01. I also enclose two CD-ROM discs containing the response in searchable PDF format.

If you have any queries, please call me.

Yours sincerely,

  
Jim O' Callaghan

0904818/JOC/MS/MW  
Encl  
CC: Mr. Malcolm Dowling, Greenstar Ltd

email: [info@ocallaghanmoran.com](mailto:info@ocallaghanmoran.com) Website: [www.ocallaghanmoran.com](http://www.ocallaghanmoran.com)

O'Callaghan Moran & Associates. Registration No. 8272844U

Article 14(2)(b)(ii) Further Information  
Particulars and Evidence For

Greenstar Ltd

Waste Licence Application No. W0079-02

Article 12 Compliance

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Prepared For: -

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Prepared By: -

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Rutland Street,  
Cork.

13<sup>th</sup> July 2010

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## DRAWINGS

Drawing 4 – Site Plan

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## 1. INTRODUCTION

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This document presents the response by Greenstar Ltd, Unit 41, Cookstown Industrial Estate, Tallaght, Dublin 24 to the Agency's Notice issued under Article 14(2)(b)(ii) of the Waste Management Licensing Regulations on the 9<sup>th</sup> July 2010, in relation to the application for a revised Waste Licence, Application Register No.W0079-02, for a metals and End of Life Vehicles (ELV) recovery facility at Cookstown Industrial Estate, Tallaght, Dublin 24.

Section 2 contains the responses to the Agency's requests. The response did not require an alteration to the non-technical summary. For ease of interpretation each of the Agency's requests are presented in italics followed by Greenstar's response.

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## 2. ARTICLE 12 COMPLIANCE REQUIREMENTS

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1. In the licence application Class 13 of the Third Schedule of the Waste Management Acts was applied for, with the quantity of waste specified as 5,500 tonnes per annum.

Elaborate in detail on the waste types, EWC Codes, quantities and details of storage/handling (including storage locations) which are relevant to Class 13 of the Third Schedule

Provide details on the proposed destinations of waste

The figure of 5,550 tonnes is a typographical error. The estimated volume of residual waste for disposal that will be produced is approximately 550 tonnes per annum. This figure is based on the volume of residual wastes arising in 2009, when of the overall amount of 23,632 tonnes accepted, 272 tonnes was classified as non-recoverable. The recovery rate as reported in the 2009 AER is high at 98.7%.

The non-recoverable material comprises non-metallic residues from the on-site treatment process such as cloth fabrics, mixed hard and soft plastics and timber which are too small to be separated. This residual material is initially mechanically extracted from the main waste stream and placed in smaller designated containers in the vicinity of the waste acceptance area. Following this the material is placed in an enclosed skip awaiting collection.

This residual waste was consigned to the AES Portlaoise facility (W0194-02) in 2009 and this remains the case in 2010. The types of wastes accepted and consigned in 2009 and the proposed waste destinations were detailed in the Article 14 request in March 2010 and are shown in Tables 1 & 2 herein.

The residual waste was and will continue to be assigned EWC Code 19 12 12, as it is the product of the mechanical treatment. The AES facility in Portlaoise (W0194-02) and the Greenstar facility in Greenogue Industrial Estate, Dublin (W0188-01) are authorised to accept the residual waste.

The amount of residual waste stored on site at any one time is and will continue to be relatively small (<15 tonnes). The waste is stored in an enclosed skip located adjacent to the weighbridge, as shown on Drawing 3 Site Plan.

Table 1 - Wastes Accepted &amp; Consigned 2009

EWC	Description	Waste In	Waste Out	Destination
12 01 01	Swarf	504.62		
12 01 03	Non Ferrous scrap		1,210.43	FJ Church & Sons, Centenary Works, Manoc Way, Raintam, Essex, RM1 38RM, WML 80771
15 01 04	Packaging (Fe)	250.6		
	Packaging (Non Fe)	145.7		
15 01 07	Glass Bottles	511.6	58.68	Gannons Eco, Split Hill Quarries, Hazelwood, Kilbeggan, Co. Westmeath
16 01 03	Tyres		11.38	Crumb Rubber Ireland Ltd, Mooretown, Dromiskin, Dundalk, Co.Louth WP 2007/01
16 01 06	Ferrous metal from vehicles	145.98		
16 01 08	ELV metal, non ferrous	6.12		
16 01 17	Hydraulic Hoses			
16 01 20	Flat Glass –ELV	477.1		
16 02 14	Discarded WEEE - depolluted	3,004.94		
16 06 01*	Batteries	151.42	174.54	KMK Metals, Cappincur Industrial Estate, Daingean Road, Tullamore, Co. Offaly. W0113-01
16 08 01	Catalyst	2.5		
17 02 02	Flat Glass – C&D	1,835.25	1,399.69	Vindor Glass Recycling, Lanots Lane, St. Helens, Merseyside, WA9 3EX, UJ IRE/AG010/08
17 04 01	Copper & Brass – C&D	103.03		
17 04 02	Aluminium – C&D	266.66		
17 04 03	Lead	20.6		
17 04 05	Ferrous Scrap – C&D	9,775.02		
17 04 06	Tin	0.7		
17 04 07	Mixed Metals	51.83		
17 04 11	Cable	16.16		
	Cables	163.47		
19 12 02	Ferrous scrap – Waste Facilities	6,041.92	19,657.60	EMR Recycling, Liverpool Docks, Liverpool, UK WML 50447
19 12 03	Non- Ferrous scrap – Waste Facilities	156.52		
19 12 07	Wood		11.44	AES, Kyletalesha, Portlaoise, Co. Laois W0194-02

EWC	Description	Waste In	Waste Out	Destination
19 12 12	Non metallic waste from site		272.16	AES, Kyletalesha, Portlaoise, Co. Laois W0194-02
			44.50	Greenstar Ltd., Greenogue Industrial Estate, Rathcoole, Co. Dublin W0188-01
	Total Received	23,631.77		
	Total Consigned		22,840.58	
	Total Recovered		22,568.42	
	Total Disposed		272.16	
	Recovery Rate		98.81%	

Table 2 – Proposed Destinations

Final Recovery or Disposal Destination	Waste Licence or Permit	Waste Type Accepted
AES, Kyletalesha, Portlaoise, Co. Laois	W0194-02	Non metallic waste
Crumb Rubber Ireland Ltd, Mooretown, Dromiskin, Dundalk, Co.Louth	WP 2007/01	Tyres
EMR Recycling, Liverpool Docks, Liverpool, UK	WML 50447	WEEE
FJ Church & Sons, Centenary Works, Manoc Way, Raintam, Essex, RM1 38RM,	WML 80771	Metal
Gannons Eco, Split Hill Quarries, Hazelwood, Kilbeggan, Co. Westmeath	N/A	Glass
Greenstar Ltd., Greenogue Industrial Estate, Rathcoole, Co. Dublin	W0188-01	Non metallic waste
KMK Metals, Cappincur Industrial Estate, Daingean Road, Tullamore, Co. Offaly.	W0113-01	Batteries
Vindor Glass Recycling, Lanots Lane, St. Helens, Merseyside, WA9 3EX, UJ	IRE/AG010/08	Glass

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### 3. NON TECHNICAL SUMMARY WASTE LICENCE APPLICATION

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The information provided in Section 2 does not significantly alter the information provided in the non-technical summary which contains the information specified in Article 12 (1) (u) of the Waste Management (Licensing) Regulations, 2004 (S.I. No. 395 of 2004).

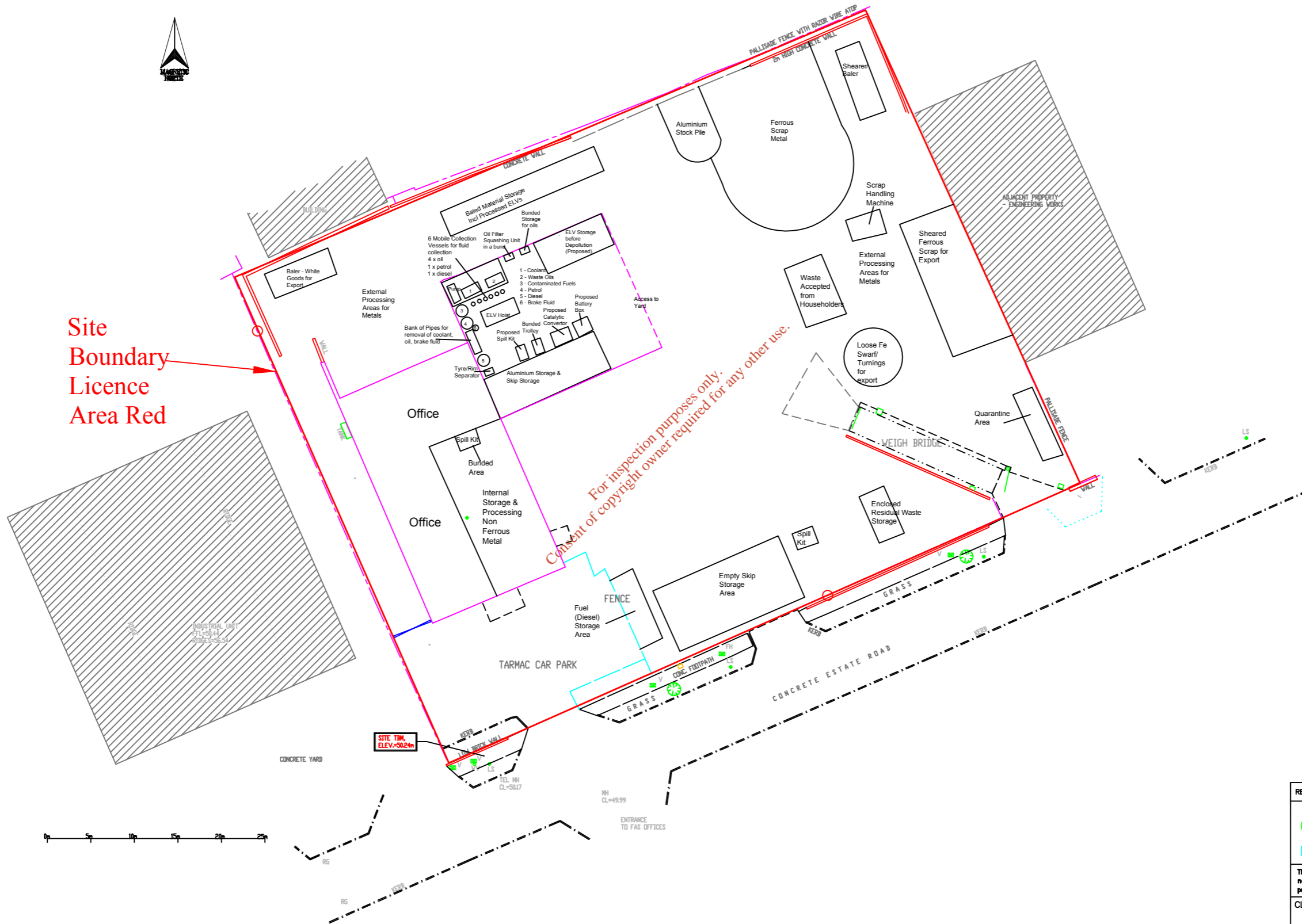
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# DRAWINGS


Drawing 4 – Site Plan

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Site Boundary Licence Area Red

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REV	DATE	DESCRIPTION	DRN	CHKD	APP
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This drawing is the property of O'Callaghan Moran & Associates and shall not be used, reproduced or disclosed to anyone without the prior written permission of O'Callaghan Moran & Associates and shall be returned upon request.					
CLIENT					
Greenstar Ltd.					
TITLE					
Site Plan					
SCALE	FIGURE No.	REV.			
1:500 A3	Drawing 4	B			