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Mr. Niall Horgan,
Office of Environmental Enforcement,
Environmental Protection Agency,
McCumiskey House,
Richview,
Clonskeagh,
Dublin 14.

4th April 2012

RE: Annual Environmental Report– Greenstar Ltd – Tallaght - Reg. No. W0079-01

Dear Sir,

Please find enclosed an original and 2 no. copies of the Annual Environmental Report for the above referenced facility for the year 2011.

Should you have any questions, please call me.

Yours sincerely,

Michael Watson.

Michael Watson

1104807/BS/CW
Encl
C.c. Ms Suzanne Byrne, Greenstar Ltd.,
Ms. Siobhan Carroll, MSM Ltd., Tallaght

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environmental management for business

ANNUAL ENVIRONMENTAL REPORT

FOR GREENSTAR LTD

COOKSTOWN INDUSTRIAL ESTATE

TALLAGHT, DUBLIN 24

LICENCE NO. W0079-01

JANUARY 2011 – DECEMBER 2011

Prepared For: -

Greenstar Ltd.,
Unit 6,
Ballyogan Business Park,
Ballyogan Road,
Sandyford,
Dublin 18

Prepared By: -

O' Callaghan Moran & Associates,
Granary House,
Rutland Street,
Cork.

29th March 2012

Project	Annual Environmental Report 2011			
Client	Greenstar Ltd. W0079-01			
Report No	Date	Status	Prepared By	Reviewed By
0480705	22/03/2012	Draft	Barry Sexton MSc.	Michael Watson MA.
0480705	29/03/2012	Final	Barry Sexton MSc.	Michael Watson MA.

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1. INTRODUCTION

This is the Annual Environmental Report (AER) for the Greenstar Ltd. (Greenstar), waste transfer and recovery facility at Unit 41, Cookstown Industrial Estate, Tallaght, Dublin 24. The Waste Licence (W0079-01) is held by Greenstar, but the facility has been operated by Midland Scrap Metal Limited (MSM) since December 2008.

The AER covers the period from the 1st January 2011 to 31st December 2011 and the content of the AER is based on Schedule C of the Waste Licence. The report format follows guidelines set in the "Guidance Note for Annual Environmental Report" issued by the Agency[1]. Cognisance was also taken of the AER Draft Guidance Document issued in January 2012[2].

[1] EPA (Environmental Protection Agency) 1999 Waste Licensing – Draft Guidance on Environmental Management Systems and Reporting to the Agency
[2] EPA (Environmental Protection Agency) 2012 Draft AER Guidance Document

2. SITE DESCRIPTION

2.1 Waste Management Activities

The Licence authorises the acceptance of up to 145,000 tonnes per annum of materials comprising commercial and industrial waste (30%) and construction and demolition waste (70%). The main activity is the recovery and processing of ferrous and non ferrous metals sourced from construction and demolition sites, specialist industries that handle metal and existing waste recovery facilities.

Ferrous Metals

All incoming waste is weighed at the weighbridge and then stockpiled prior to processing. Prior to tipping, loads are subject to waste acceptance and inspection procedures. All contaminants are removed and stored in a dedicated quarantine storage area prior to removal to a suitable licensed facility. The metal is graded according to size before processing. The main process involves hydraulic shearing to reduce the size. The sheared material is stored on-site pending consignment to a processor.

Non-ferrous Metals

All incoming waste is weighed at the weighbridge and then stockpiled prior to processing. Prior to tipping, loads are subject to waste acceptance and inspection procedures. The majority of incoming material is already pre-sorted and these are baled. The mixed metals are sorted on site, with the oversized materials cut, and then baled and stored in secure containers, prior to transfer.

Plant & Equipment

The plant and equipment used at the facility are set out in Table 2.1.

Table 2.1 Plant & Equipment

Plant Item	Quantity
Mobile Shears Baler	1
Non Ferrous Baler	1
Atlas 1804 – Scrap Handling Machine	1
Solmec Scrap Handling machine	1
Hand Held Cutters	4
Fork Lift	2
Cable Stripper	1
JCB teleporter with bucket attachment	1
Skid steer loader with bucket attachment	1
Container Tilter	1

3. EMISSION MONITORING

Greenstar implements a comprehensive environmental monitoring programme to assess the significance of emissions from site activities. The programme includes wastewater, noise and dust monitoring. The monitoring locations are shown on Figure 3.1. The results are submitted to the Agency at quarterly intervals. An overview of the monitoring conducted in the reporting period is presented in this Section.

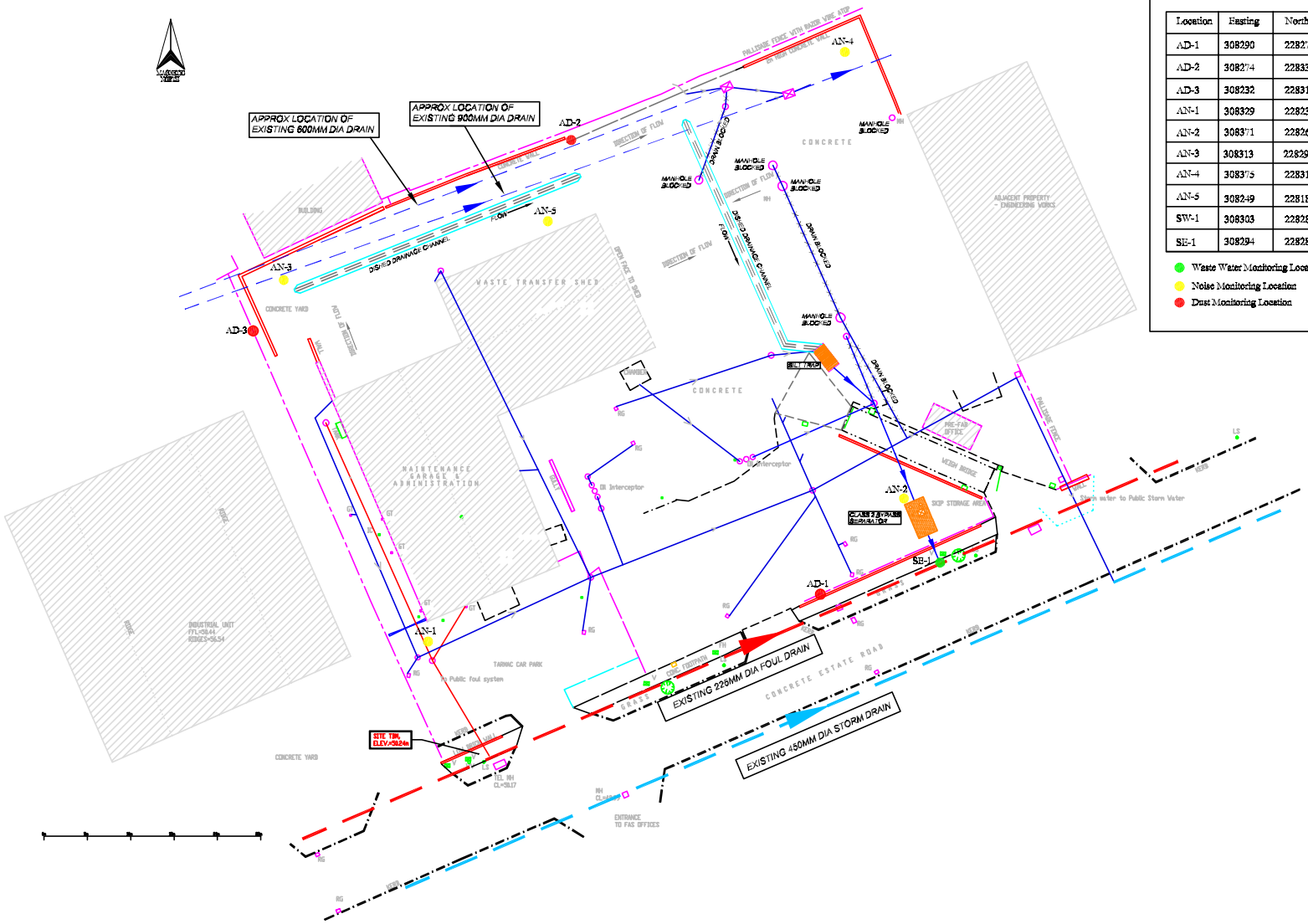
3.1 Wastewater

Wastewater from the facility discharges to the municipal foul sewer at one location – SE-1. The surface water drainage system was significantly upgraded in April 2009 to ensure that all run-off from a former vehicle wash area and the main working yard area is now directed to a silt trap. The contents of the silt trap are pumped to the municipal foul sewer via a Class 2 By-Pass separator before discharging to the municipal foul sewer.

The range of quarterly analysis was as specified in Schedule C of the Waste Licence and includes pH, ammoniacal nitrogen, Biological Oxygen Demand (BOD), Chemical Oxygen Demand (COD), Total Suspended Solids (TSS), Oils, Fats & Greases (OFG), surfactants, sulphate and mineral oil. The results are included on Table 3.1. The wastewater emissions were 100% compliant with the Emission Limit Values (ELVs) set in the Licence.

Table 3.1 Wastewater Monitoring Results 2011

Parameter	Units	Q1	Q2	Q3	Q4	ELV
pH	pH Units	7.33	7.57	7.76	8.25	6 to 10
Temperature	°C	12.0	12.3	12.8	10.1	42
Ammoniacal Nitrogen	N mg/l	26.91	10.34	4.69	2.49	70
BOD	mg/l	199	181	169	102	2,000
COD	mg/l	737	383	358	262	4,000
Total Suspended Solids	mg/l	251	59	64	220	700
Oils, Fats & Greases	mg/l	<0.01	<0.01	<0.01	<0.01	100
Surfactants	mg/l	0.5	1.2	0.7	<0.2	100
Sulphate	mg/l	334.13	22.78	95.32	565.47	1,000
Mineral Oil	mg/l	<0.01	<0.01	<0.01	<0.01	N/A



NOTES

Location	Easting	Northing
AD-1	308290	228276
AD-2	308274	228330
AD-3	308232	228312
AN-1	308329	228236
AN-2	308371	228265
AN-3	308313	228291
AN-4	308375	228317
AN-5	308249	228183
SW-1	308303	228288
SE-1	308294	228288

- Waste Water Monitoring Location
- Noise Monitoring Location
- Dust Monitoring Location

REV	DATE	DESCRIPTION	DRN	CHKD	APP

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Granary House, Rutland Street,
Cork, Ireland.
Tel. (021) 4321521 Fax. (021) 4321522
email : info@ocallaghanmoran.com

CLIENT

Greenstar Ltd.

TITLE

Monitoring Locations

SCALE	FIGURE No.	REV.
NTS A3	3.1	

3.2 Dust Monitoring

Dust monitoring is carried out monthly at three monitoring locations on the site boundaries. D-1 is on the southern boundary, D-2 is on the northern boundary and D-3 is on the western boundary. The results are included on Table 3.2. The dust deposition limit set in the Licence (350 mg/m^2/day) was exceeded on two occasions at monitoring location D-2. The incidents were reported to the Agency in accordance with Condition 3.3 of the licence.

Dust control measures were revised in 2010 with the installation of a high pressure pump and hose system. Measures now include the dampening down of all paved areas and suppression of dust associated with the metal stockpile. This is carried out a number of times per day depending on conditions and use of the system is recorded. A road sweeper is also deployed on occasion.

An amended nuisance control procedure was developed and submitted to the Agency. This places a greater emphasis on ensuring that on-site dust generation does not constitute a nuisance to neighbouring sites.

There are significant off-site sources of dust in the vicinity of the site as demonstrated by monitoring carried out during a previous period of site closure.

Results measured at the three monitoring points during 2011 were much improved due to the measures outlined above.

Table 3.2 Dust Monitoring Results 2011

	Units	Jan '11	Feb '11	Mar '11	Apr '11	May '11	Jun '11	Deposition Limit Value
D1	mg/m^2/day	88.1	147.31	268	238.5	194.6	104.5	350
D2	mg/m^2/day	518.3	525.28	35	76.1	70	99.5	350
D3	mg/m^2/day	79.8	92.79	59.7	69.7	117.1	46.7	350

	Units	Jul '11	Aug '11	Sept '11	Oct '11	Nov '11	Dec '11	Deposition Limit Value
D1	mg/m^2/day	151.1	247.2	297.4	58.2	106.6	57.6	350
D2	mg/m^2/day	71.8	252.8	174.5	199.6	127	265.6	350
D3	mg/m^2/day	73.4	33.8	117.7	38.2	8.6	67.1	350

3.3 Noise Survey

Noise monitoring surveys were carried out in June 2011 and again in November 2011. The nearest sensitive receptor is Tallaght Hospital which is west/southwest of the facility. Monitoring station (NSL1) is located at the northeast gate to the hospital complex, 200 m from the facility. Results of noise monitoring during 2011 are summarised in Tables 3.3 and 3.4. Both noise monitoring events found that emissions from facility did not adversely impact on the nearest NSL.

In June 2011, the $L_{Aeq\ 30\ min}$ level recorded at NSL1 (Tallaght Hospital) was 53 dB. In November 2011, the $L_{Aeq\ 30\ min}$ level recorded at NSL1 was 52 dB. The noise environment at this station was influenced by a multitude of sources, including local and distant traffic and emissions from surrounding commercial premises and was not impacted by the Greenstar facility.

Table 3.3 Noise Monitoring Results May 2011

Station	Time	$L_{Aeq\ 30\ min}$ dB	$L_{AF10\ 30\ min}$ dB	$L_{AF90\ 30\ min}$ dB	Specific level* dB	Noise audible
N1	1311-1341	55	58	44	48	Metal manipulation regularly audible from main yard. Several offsite sources audible: local and distant traffic, commercial activity at adjacent premises, aircraft, bird song/calls, aircraft, idling van on roadway outside site.
N2	1609-1639	66	69	58	66	Grab x1 operating onsite at 15-20 m. Noise environment dominated by grab, other site emissions, and idling vehicles on estate roadway outside entrance, as well as frequent vehicle departures through FAS gateway.
N3	1420-1450	62	65	49	56	**Specific level includes -6 dB correction due to corner position**. Operations in main yard audible at low level, screened by building and local baler/shears machine. No local sources onsite, apart from forklift truck and telescopic loader approaching on occasion. Noise emissions audible occasionally from premises outside boundary. No other sources audible.
N4	1454-1524	61	64	52	55	**Specific level includes -6 dB correction due to corner position**. Yard noise sources continuously audible and dominant, although screened by intervening scrap mound. Local baler/shears machine off due to breakdown. No offsite sources audible, apart from loose cladding at adjacent premises banging repeatedly in breeze.
N5	1527-1557	78	79	71	75	**Specific level includes -3 dB correction due to wall proximity**. Various yard sources continuously audible and dominant, including mobile welding rig audible at NE corner.
NSL1	1211-1241	53	56	46	<46	Metal manipulation at facility occasionally audible at low level, not significant. Noise environment dominated by almost continuous traffic movements on adjacent hospital roadways and parking areas, including hum from idling motorcycle intermittent during first 8 min. Adjacent rear gate to hospital closed, with resulting reduction in traffic movements in this part of commercial estate. No commercial activity in local units as all vacant. Bird song/calls and aircraft. Distant traffic and commercial noise audible. Intermittent warning alarm arising at nearby facility.

* Specific level: Sound pressure level contribution considered attributable to facility.

Table 3.4 Noise Monitoring Results November 2011

Station	Time	$L_{Aeq\ 30\ min}$ dB	$L_{AF10\ 30\ min}$ dB	$L_{AF90\ 30\ min}$ dB	Specific level* dB	Noise audible
N1	0826-0856	56	59	53	55	Plant operating in main yard continuously audible and dominant. Sporadic traffic movements on commercial estate roadway audible. No other noise audible apart from aircraft.
N2	0903-0933	63	66	54	62	Onsite plant emissions continuously audible and dominant, particularly tracked excavator with grab operating inside boundary until 0935. No other noise audible apart from sporadic vehicle movements on commercial estate roadway.
N3	0819-0849	61	64	54	55	**Specific level includes -6 dB correction due to corner position**. Plant operating in main yard area, and occasionally locally, continuously audible and dominant. No other noise audible.
N4	0927-0957	90	90	82	84	**Specific level includes -6 dB correction due to corner position**. Local shears engine continuously dominant. No other noise audible, apart from faintly audible metal manipulation by grab, barely audible over shears engine.
N5	0855-0925	72	74	67	69	**Specific level includes -3 dB correction due to wall proximity**. Noise emissions from plant and metal manipulation in yard continuously dominant. No other noise audible.
NSL1	1005-1035	52	53	48	<48	Metal manipulation noise emissions slightly audible occasionally from Greenstar facility, not significant, and masked by general urban noise arising from local and distant road traffic, including traffic through hospital grounds. Bird song/calls and aircraft.

* Specific level: Sound pressure level contribution considered attributable to facility.

4. SITE DEVELOPMENT WORKS

4.1 Engineering Works

No engineering works were carried out in 2011. There are no site development works planned for 2012.

4.2 Summary of Resource & Energy Consumption

Table 4.1 presents an estimate of the resources used on-site during the reporting period.

Table 4.1 Estimates of Resources Used On-Site

Resources	Quantities
Diesel	274,930 Litres
Oil	2,300 Litres
Electricity	79,921 Kwh
Kerosene	1,600 Litres
Propane	564kgs (12*47kgs)

4.3 Bund Integrity Test

New bunding and an upgraded drainage system were provided in 2009 and are fit for purpose. The oil interceptors and settlement tank are regularly maintained. Waste water sludge is removed and sent for off-site treatment at an appropriate treatment facility. ENVA removed 19 tonnes of waste water from the on site settlement tank and interceptor in 2011.

5. WASTE RECEIVED AND CONSIGNED FROM THE FACILITY

Table 5.1 shows the total quantities of waste received and consigned from the facility in 2011 with data for 2010 and previous years presented in Tables 5.2 and 5.3. A breakdown of the waste types is provided in accordance with the European Waste Catalogue and Hazardous Waste list.

The total quantity of waste received at the facility was 28,576.18 tonnes. The total waste consigned was 29,788.48 tonnes. The difference is due to the amount of materials retained on site on the 31st December 2010. The recycling rate for the facility is estimated at 99.67%.

Table 5.1 Waste Received & Consigned 2011

EWC	Description	Waste In	Waste Out
12 01 01	Swarf	1,382	1359.6
15 01 04	Packaging (Fe) Metal Packaging	233	
	Packaging (Fe) Steel Cans	91	
	Packaging (Non Fe)	86	
15 01 07	Glass Bottles	85	
16 01 03	Tyres	0	30.28
16 01 06	Ferrous Metal from Vehicles	364	37.34
16 01 20	Flat Glass – ELV	1,063	
16 02 14	Discarded WEEE – depolluted	186	203.38
16 06 01*	Batteries	95	273
17 02 02	Flat Glass – C&D	1360	
17 04 01	Copper & Brass – C&D	248	
17 04 02	Aluminium – C&D	622	16.66
17 04 03	Lead	86	
17 04 05	Ferrous Scrap – C&D	12,985	76.98
17 04 06	Tin	0	
17 04 07	Mixed Metals	44	
17 04 11	Aluminium Cable	9	
	Copper Cable	266	282.28
19 12 01	Iron & Steel – Waste Facilities	0	
19 12 02	Ferrous Scrap – Waste Facilities	4,117	1,941
19 12 03	Non Ferrous Scrap – Waste Facilities	0	1,362
19 12 05	Glass – Waste Facilities	0	2,423
19 12 07	Wood	0	15
19 12 12	Non metallic waste from site	0	6.96
20 01 40	½ Steel	6.614	
19 10 01			21,761
	Total Received	**28,576.18**	
	Total Consigned		**29,788.48**
	Total Recovered		**29,688.82**
	Total Disposed		**99.66**
	Recovery Rate		**99.67%**

Table 5.2 Waste Received & Consigned 2010

EWC	Description	Waste In	Waste Out
12 01 01	Swarf	1,429	584
15 01 04	Packaging (Fe)	290	
	Packaging (Non Fe)	150	
15 01 07	Glass Bottles	112	
16 01 03	Tyres		9
16 01 06	Ferrous Metal from Vehicles	272	204
16 01 20	Flat Glass – ELV	197	
16 02 14	Discarded WEEE – depolluted	201	251
16 06 01*	Batteries	173	195
17 02 02	Flat Glass – C&D	2,771	
17 04 01	Copper & Brass – C&D	29	
17 04 02	Aluminium – C&D	308	20
17 04 03	Lead	18	
17 04 05	Ferrous Scrap – C&D	7,142	
17 04 06	Tin	40	
17 04 07	Mixed Metals	3,348	
17 04 11	Aluminium Cable	14	6
	Copper Cable	196	297
19 12 01	Iron & Steel – Waste Facilities		15,096
19 12 02	Ferrous Scrap – Waste Facilities	2,955	3,391
19 12 03	Non Ferrous Scrap – Waste Facilities	80	1,690
19 12 05	Glass – Waste Facilities		4,127
19 12 07	Wood		31
19 12 12	Non metallic waste from site		45
20 01 40	½ Steel	6,576	
	Total Received	**26,304.37**	
	Total Consigned		**25,946.00**
	Total Recovered		**25,845.02**
	Total Disposed		**100.98**
	Recovery Rate		**99.61%**

Table 5.3 Waste Received and Consigned since 2008

	2011	2010	2009	2008
Total Received	28,850.02	26,304.37	23631.77	1026.86
Total Consigned	30,030.38	25,946.00	22840.58	848.94
Recovery Rate	99.67%	99.61%	98.81%	100%

6. ENVIRONMENTAL INCIDENTS AND COMPLAINTS

6.1 Incidents

There were two exceedances of the dust deposition limit in 2011, which were reported to the Agency. There were no other incidents in the reporting period.

The facility is in a well established Industrial Estate and there are no nearby sensitive receptors or high amenity land uses, for example residential areas, health facilities or recreational areas. Monitoring conducted when the site was not operational (May 2006 to July 2007) identified a number of exceedances of the dust deposition limit, indicating that there are significant off-site sources of dust.

6.2 Register of Complaints

MSM maintains a register of complaints received in accordance with Condition 3.11 of the waste licence. Forty (40) complaints were received during the reporting period. Seventeen complaints were received relating to vibrations, five in relating to diesel or burning odours, two relating to smoke, eight relating to fumes, five relating to the height of the metal pile, three relating to general odours, one relating to dust, four relating to noise and one relating to traffic. A number of the complaints related to multiple issues. The full register is available to view at the facility office.

Facility management investigated all complaints where possible and responded to all complaints during the year. Details of each response are also included in the complaints register in Appendix 1.

7. ENVIRONMENTAL DEVELOPMENT

7.1 Environmental Management Programme Report

MSM has introduced an Environmental Management System (EMS) for the facility. The management programme is encompassed in the Environmental Management System (EMS) for the facility and contains a schedule for achieving objectives and targets and designates responsibility and timeframes for achieving those targets. The schedule of Objectives and Targets, including their status for 2011 (Table 7.1), as well as the proposed Objectives and Targets for 2012 (Table 7.2) are presented below. The facility is certified to ISO 9001 and ISO 14001 and retains comprehensive procedures as part of the accreditation process.

7.1.1 Site Management Structure

Name	Experience
Con Ward (Managing Director)	42 years in Waste Management
Anthony Ward (Recycling Manager/Director)	42 years in Waste Management
Jason Ward (Yard Manager)	8 Years in Waste Management
Eamon Mitchell (Yard Manager)	17 Years in Waste Management. FAS Waste Management Course completed
Siobhán Carroll (Environmental Manager)	4 Years in Waste Management. BAI Civil and Environmental Engineering

7.1.2 Staff Training

Staff training carried out during the year included safe pass, manual handling, PTS, CPC, 360 excavator, forklift, torch works, abrasive wheel, working at heights and teleporter training. The training records are kept on site.

7.2 Environmental Management Programme Proposal

The schedule of Objectives and Targets, including their status for 2011 (Table 7.1), as well as the proposed Objectives and Targets for 2012 (Table 7.2) are presented below.

7.2.1 Schedule of Objectives and Targets 2011

The 2011 Schedule included four objectives, which are summarised in Table 7.1. An evaluation of what has been achieved to date is presented below.

Objective 1 – Environmental Compliance

Communication with neighbouring premises was ongoing throughout 2011. Control measures were introduced to reduce nuisance to neighbouring premises in a number of different ways. A litter/mesh net and fence was installed above the boundary wall at the rear of the B2B premises. This was to prevent any material from passing over the wall into the B2B premises. Heavy duty rubber matting was installed beneath the shears which is located adjacent to the boundary wall of the Ricesteele premises. This proved an effective measure to reduce vibrations experienced in the Ricesteele building.

Objective 2 – ISO Compliance

Quality and Environmental manuals were updated in August 2011. Measures will be taken to integrate these manuals with the new procedures for ISO18001 in 2012.

Objective 3 – Health & Safety Compliance

A revision of the company safety statement was performed on 18th October 2011.

Objective 4 – Health & Safety Compliance

Environmental Manager has received training and completed the IOSH Managing Safely course and is currently drawing up a set of procedures to achieve ISO 18001 certification. Expected completion date: December 2012.

7.3 Communications Programme

The following documents are available for public viewing at the facility:-

- Environmental and Health & Safety Policy,
- Waste Licence,
- Licence Application and Review documentation,

- Monitoring Records,
- Complaints File,
- EPA Correspondence File.

7.4 Report Financial Provision

Greenstar has adequate insurance cover for environmental liabilities to €10,000,000 for any one occurrence, which will apply to "sudden identifiable and unintended incidents".

Table 7.1 Schedule of Objective and Targets 2011

Schedule of Objectives for 2011

No	Objective	Description	Responsibility	Status
1	**Environmental Compliance**	Maintain communication with neighbouring premises	Environmental Manager	February 2011
2	**ISO Compliance**	Update manuals with current site procedures, and/or integrate Quality and Environmental manuals	Environmental Manager	June 2011
3	**H&S**	Review of Safety Statement	Environmental Manager	May 2011
4	**H&S**	Implement procedures to qualify for ISO H&S Standard 18001	Environmental Manager	August 2011

Table 7.2 Schedule of Objective and Targets 2012

Schedule of Objectives for 2012

No	Objective	Description	Responsibility	Target Completion Date
1	**Environmental Compliance**	**Improve employee awareness of environmental issues**	**Environmental Manager**	**May 2012**
2	**ISO Compliance**	**Integrate Quality, Environmental and Health and Safety manuals**	**Environmental Manager**	**December 2012**
3	**H&S**	**Review of Safety Statement**	**Environmental Manager**	**September 2012**
4	**H&S**	**Implement safe systems of work to complete qualification for ISO H&S Standard 18001**	**Environmental Manager**	**December 2012**

8. OTHER REPORTS

8.1 European Pollutant Release and Transfer Register

Under the European Pollutant Release and Transfer Register Regulation (EC) No. 166/2006 Greenstar is required to submit information annually to the Agency. A copy of the information submitted to the Agency via the web-based data reporting system is included in Appendix 2.

APPENDIX 1

Complaints Register

Midland Scrap Metal Company Ltd

ENVIRONMENTAL COMPLAINT REGISTER

2011

	DATE	Complainant	Nature of Complaint	Response
1	06 January 2011	Pat O'Donoghue Ricesteele directly to SC by phone	Vibrations felt at 11am	SC investigated and found shears adjacent to ricesteele building were being used to shear material not just bail because other shears out of operation due to repairs. SC instructed No more shearing to occur. Rang Pat with explanation.
2	07 January 2011	Pat O'Donoghue Ricesteele directly to SC by phone	Smell of burning/diesel (like starting a diesel engine on a cold morning) approx 10am	SC investigated and chassis being cut not far from the wall in front of the shed. Possibly experiencing smell from this, rang Pat to explain.
3	27 January 2011	Pat O'Donoghue Ricesteele directly to SC by phone	9.25am and 12 noon Burning Smell	SC not sure what the source is, as a precaution moved all cutting to other side of the yard.
4	02 February 2011	Pat O'Donoghue Ricesteele directly to SC by phone	12:09 Loud Vibration	SC could not find source, No containers being loaded.
5	10 February 2011	Pat O'Donoghue Ricesteele directly to SC by phone	06:50 am Smoke 11am Meeting	SC rang EM at yard to find out source of smoke. PO'D worried smoke would set off fire alarms.
6	14 February 2011	Pat O'Donoghue Ricesteele directly to EPA by phone	15:40 pm Complaint about fumes and large pile of scrap	Letter MD to EPA AW spoke to PO'D to explain contractor on site.
7	16 February 2011	Pat O'Donoghue Ricesteele directly to EPA by email	06:15 am Bangs and Vibrations	MSM Meeting with Greenstar to Discuss
8	18 February 2011	Pat O'Donoghue Ricesteele directly to EPA by email	Bangs and Vibrations	Written Response from MD to EPA
9	21 February 2011	Pat O'Donoghue Ricesteele directly to EPA by email	Gas/Odour and Height of Stockpile	Written Response from MD to EPA
10	22 February 2011	Pat O'Donoghue Ricesteele directly to EPA by email	Gas/Odour and Height of Stockpile	Written Response from MD to EPA
11	23 February 2011	Pat O'Donoghue Ricesteele directly to EPA by email	Vibrations and Banging	Written Response from MD to EPA
12	03 March 2011	Pat O'Donoghue Ricesteele directly to EPA and Bord Gáis by telephone.	Gas Smell and rang Bord Gáis. Bord Gáis visited site, reported no smell of Gas.	No smell of gas experienced by any MSM staff.
13	04 March 2011	Pat O'Donoghue Ricesteele directly to EPA by email.	Gas Smell	No smell of gas experienced by any MSM staff.

Midland Scrap Metal Company Ltd

ENVIRONMENTAL COMPLAINT REGISTER

	DATE	Complainant	Nature of Complaint	Response
14	07 March 2011	Paul Conway (B2B) to EPA by telephone.	Height of Stockpile and Odour.	Met with Paul and subsequently moved material away from the boundary wall. Followed up with phonecall – happy.
15	21 March 2011	Jason Daly Ricesteele directly to EPA by email.	Gas, Dust and Noise	Formal response to EPA and meeting with Greenstar.
16	28 March 2011	Pat O'Donoghue Ricesteele directly to SC by phonecall.	16:50pm Bang	SC to PO'D by telephone.
17	29 March 2011	Pat O'Donoghue Ricesteele directly to SC by phonecall.	15:53pm Bang	SC to PO'D by telephone.
18	30 March 2011	Anonymous Complaint (HSA not at liberty to say) directly to HSA by phonecall.	15:53pm Gas – (in particular Nitrogen Dioxide)	HSA – Helen Kieran visited site on 31.03.11 – Determined No Gas on site as described by complaintant
19	31 March 2011	Pat O'Donoghue Ricesteele directly to SC by phonecall	Metal found in Yard to rear of Ricesteele building.	SC visited Ricesteele premises – light aluminium – MSM meeting (directors and yard manager) – change of operating procedure, stockpile in skip bags only.
20	24 May 2011	Pat O'Donoghue Ricesteele directly to SC by phonecall	16:08 and 16:22 pm Vibrations	SC responded via email. PO'D responded directly to EPA.
21	25 May 2011	Pat O'Donoghue Ricesteele directly to EPA by email and to SC (MSM) by phone.	16:40 pm Smell of Fumes	SC responded by telephone.
22	09 June 2011	Eamon Kelly to EPA and HSA	Height of Stockpile and integrity of Wall adjacent to B2B building. Metal found in yard.	EPA onsite on 10th June 2011 (site audit and response to complaint) HSA on-site on 16th June 2011 Result: Screening installed on top of wall and EK to get an Engineers report on integrity of wall.
23	10 June 2011	Pat O'Donoghue to SC by phonecall	09.30am Vibrations	P'OD not on site Jason Daly said felt vibrations. MSM got advise from contractor to install rubber matting under the baler. Installed 16th June 2011. Result: tested no vibrations confirmed by P'OD on 21st June 2011.
24	30 June 2011	Paul Conway B2B to MSM by phonecall	15:17 pm Traffic	Traffic build up outside B2B. SC arranged for yard manager to manage and direct traffic to the MSM side of the roadway to ensure no obstruction to neighbouring premises.

Midland Scrap Metal Company Ltd

ENVIRONMENTAL COMPLAINT REGISTER

	DATE	Complainant	Nature of Complaint	Response
25	22 July 2011	Pat O'Donoghue to MSM by phonecall	9:56 am Once off Vibration (confirmed not from the baler, the source was considered to be coming from nearer to the heap)	P'OD rang to say he felt a vibration then it stopped. SC checked with yard manager and rang P'OD back to explain that there was maintenance work being done to the Solmec and the arm had been fully extended when the machine stalled causing it to rock and therefore causing a vibration close to the boundary wall. P'OD confirmed that they have experience No vibrations since we installed the rubber matting underneath the baler.
26	11 August 2011	Jason Daly (087) 2506935 Ricesteele to MSM by phonecall	Smoke	JD explained there is smoke entering through the air handling system. SC confirmed there was cutting with torches adjacent to the Ricesteele building. SC confirmed MSM moved cutters to other area of the site.
27	23 August 2011	Pat O'Donoghue Ricesteele to MSM by phonecall	15:58pm Gasy Smell/ Diesel Fumes	P'OD rang to say getting a gasy type smell could be from diesel fumes. SC on ½ day annual leave. No source could be found.
28	22 September 2011	Pat O'Donoghue Ricesteele to MSM by phonecall	13:15pm Vibrations	P'OD rang to say some vibrations were felt by Ricesteele. SC at lunch and not back on site until 2pm. MSM could not determine the source. Also mentioned dust especially on dry windy days.
29	04 October 2011	Pat O'Donoghue Ricesteele to MSM	15:46pm Vibrations	SC checked staff to ensure using baler correctly.
30	06 October 2011	Pat O'Donoghue Ricesteele to MSM	Noise no vibrations	SC could not determine source.
31	21 October 2011	Pat O'Donoghue Ricesteele to MSM	Vibrations	SC inspected rubber matting placed under baler no evidence of wear and tear.
32	24 October 2011	Pat O'Donoghue Ricesteele to MSM	Vibrations	PO'D said only lasts a split-second not enough time to determine source
33	27 October 2011	Pat O'Donoghue Ricesteele to MSM	16:00pm Vibrations	SC Investigated, MSM to put second layer of matting under baler
34	01 November 2011	Pat O'Donoghue Ricesteele to MSM	13:15pm Vibrations	SC to arrange installation of matting by end of month, MSM sourcing material to install.
35	10 November 2011	Pat O'Donoghue Ricesteele to MSM	Diesel Smell	Refer to formal response by greenstar 15th Nov 2011
36	11 November 2011	Pat O'Donoghue Ricesteele to MSM	Smell of Burning	Refer to formal response by greenstar 15th Nov 2011

Midland Scrap Metal Company Ltd

ENVIRONMENTAL COMPLAINT REGISTER

	DATE	Complainant	Nature of Complaint	Response
37	14 November 2011	Pat O'Donoghue Ricesteele to MSM	17:00pm Vibrations	Refer to formal response by greenstar 15th Nov 2011
38	15 November 2011	Pat O'Donoghue Ricesteele to MSM	16:12pm Vibrations	Refer to formal response by greenstar 15th Nov 2011
39	16 November 2011	Pat O'Donoghue Ricesteele to MSM	08:48pm Smell of Fumes	Emailed response as could not reach Pat by phone
40	16 December 2011	Pat O'Donoghue Ricesteele to MSM	13:27pm Diesel Smell	Delivery of Kerosene heating oil for offices.

APPENDIX 2

European Pollutant Release and Transfer Register

Environmental Protection Agency

Guidance to completing the PRTR workbook

AER Returns Workbook

Version 1.1.13

REFERENCE YEAR	2011

1. FACILITY IDENTIFICATION

Parent Company Name	Greenstar Ltd
Facility Name	Greenstar Ltd
PRTR Identification Number	W0079
Licence Number	W0079-01

Waste or IPPC Classes of Activity

No.	class_name
4.13	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.
3.13	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 is produced.
4.3	Recycling or reclamation of metals and metal compounds.
4.4	Recycling or reclamation of other inorganic materials.

Address 1	Unit 41
Address 2	Cookstown Industrial Estate
Address 3	Tallaght
Address 4	Dublin 24
	Dublin
Country	Ireland
Coordinates of Location	-6.37582 53.294
River Basin District	IEEA
NACE Code	3832
Main Economic Activity	Recovery of sorted materials
AER Returns Contact Name	Suzanne Byrne
AER Returns Contact Email Address	suzanne.byrne@greenstar.ie
AER Returns Contact Position	Environmental Engineer
AER Returns Contact Telephone Number	01 2947949
AER Returns Contact Mobile Phone Number	086 0433983
AER Returns Contact Fax Number	01 2947990
Production Volume	0.0
Production Volume Units	
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	0
User Feedback/Comments	
Web Address	

2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
50.1	General
5(c)	Installations for the disposal of non-hazardous waste
50.1	General

3. SOLVENTS REGULATIONS (S.I. No. 543 of 2002)

Is it applicable?	
Have you been granted an exemption ?	
If applicable which activity class applies (as per Schedule 2 of the regulations) ?	
Is the reduction scheme compliance route being used ?	

4.1 RELEASES TO AIR

Link to previous years emissions data

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO AIR					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD				QUANTITY		
			Method Used					
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION B : REMAINING PRTR POLLUTANTS

RELEASES TO AIR					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD				QUANTITY		
			Method Used					
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION C : REMAINING POLLUTANT EMISSIONS (As required in your Licence)

RELEASES TO AIR					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD				QUANTITY		
			Method Used					
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

Additional Data Requested from Landfill operators

For the purposes of the National Inventory on Greenhouse Gases, landfill operators are requested to provide summary data on landfill gas (Methane) flared or utilised on their facilities to accompany the figures for total methane generated. Operators should only report their Net methane (CH4) emission to the environment under T(total) KG/yr for Section A: Sector specific PRTR pollutants above. Please complete the table below:

Landfill: Greenstar Ltd

Please enter summary data on the quantities of methane flared and / or utilised	**T (Total) kg/Year**	**M/C/E**	**Method Used**		**Facility Total Capacity m3 per hour**	
			Method Code	**Designation or Description**		
Total estimated methane generation (as per site model)	0.0				N/A	
Methane flared	0.0				0.0	(Total Flaring Capacity)
Methane utilised in engine/s	0.0				0.0	(Total Utilising Capacity)
Net methane emission (as reported in Section A above)	0.0				N/A	

4.2 RELEASES TO WATERS

Link to previous years emissions data

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

Data on ambient monitoring of storm/surface water or groundwater, conducted as part of your licence requirements, should NOT be submitted under AER / PRTR Reporting as t

RELEASES TO WATERS					Please enter all quantities in this section in KGs			
POLLUTANT					QUANTITY			
			Method Used					
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION B : REMAINING PRTR POLLUTANTS

RELEASES TO WATERS					Please enter all quantities in this section in KGs			
POLLUTANT					QUANTITY			
			Method Used					
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION C : REMAINING POLLUTANT EMISSIONS (as required in your Licence)

RELEASES TO WATERS					Please enter all quantities in this section in KGs			
POLLUTANT					QUANTITY			
			Method Used					
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

4.3 RELEASES TO WASTEWATER OR SEWER

Link to previous years emissions data

SECTION A : PRTR POLLUTANTS

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
			Method Used					
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION B : REMAINING POLLUTANT EMISSIONS (as required in your Licence)

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
			Method Used					
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
238	Ammonia (as N)	E	ESTIMATE	Based on an estimate of water used in wash downs and rain fall on yard area. Analysis is ISO accredited	31.39	31.39	0.0	0.0
303	BOD	E	ESTIMATE	Based on an estimate of water used in wash downs and rain fall on yard area. Analysis is ISO accredited	459.9	459.9	0.0	0.0
306	COD	E	ESTIMATE	Based on an estimate of water used in wash downs and rain fall on yard area. Analysis is ISO accredited	1229.0	1229.0	0.0	0.0
240	Suspended Solids	E	ESTIMATE	Based on an estimate of water used in wash downs and rain fall on yard area. Analysis is ISO accredited	419.0	419.0	0.0	0.0
314	Fats, Oils and Greases	E	ESTIMATE	Based on an estimate of water used in wash downs and rain fall on yard area. Analysis is ISO accredited	0.0	0.0	0.0	0.0
308	Detergents (as MBAS)	E	ESTIMATE	Based on an estimate of water used in wash downs and rain fall on yard area. Analysis is ISO accredited	2.26	2.26	0.0	0.0
343	Sulphate	E	ESTIMATE	Based on an estimate of water used in wash downs and rain fall on yard area. Analysis is ISO accredited	718.9	718.9	0.0	0.0
324	**Mineral oils**	E	ESTIMATE	Based on an estimate of water used in wash downs and rain fall on yard area. Analysis is ISO accredited	0.0	0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

4.4 RELEASES TO LAND

Link to previous years emissions data

SECTION A : PRTR POLLUTANTS

RELEASES TO LAND					Please enter all quantities in this section in KGs	
POLLUTANT		METHOD				
			Method Used			
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year
					0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION B : REMAINING POLLUTANT EMISSIONS (as required in your Licence)

RELEASES TO LAND					Please enter all quantities in this section in KGs	
POLLUTANT		METHOD				
			Method Used			
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year
					0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

29/03/2012 10:00

QUANTITY
A (Accidental) KG/Year
0.0

QUANTITY
A (Accidental) KG/Year
0.0

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used					
To Other Countries	12 01 01	No	5443.0	ferrous metal filings and turnings	R4	M	Weighed	Abroad	EMR Liverpool , EAWML/50447	Alexandra Dock 1 ,Bootle ,Liverpool , L20 1BX. ,united kingdom		
To Other Countries	12 01 01	No	1161.0	ferrous metal filings and turnings	R4	M	Weighed	Abroad	European Metal Recycling Ltd,EZ WML/50065	West Edgerton Street,Salford,Manchester,M 5 4DY,United Kingdom		
To Other Countries	12 01 01	No	9985.0	ferrous metal filings and turnings	R4	M	Weighed	Abroad	Global Metcorp Ltd ,IRE/AG143/11.	York House ,8th Floor ,Empire Way ,Wembley Middlesex HA9 0PA ,united kingdom		
To Other Countries	12 01 01	No	224.0	ferrous metal filings and turnings	R4	M	Weighed	Abroad	JM Criado S.l.,c/Torozos 4 47270	c/Torozos 4 47270,Cigales,Valladolid,.,Spain		
To Other Countries	12 01 01	No	4897.0	ferrous metal filings and turnings	R4	M	Weighed	Abroad	Solar Metals , WSX/L1/0117/1.	Broadford Bridge Road , Aversane ,Billinghurst ,Sussex RG14 9EG.,united kingdom		
Within the Country	12 01 01	No	7.0	ferrous metal filings and turnings	R4	M	Weighed	Offsite in Ireland	Davis Recycling ,IRE/AG004/08	Pigeon House Road ,Ringsend ,Dublin 4. ,.,ireland		
To Other Countries	12 01 01	No	956.0	ferrous metal filings and turnings	R4	M	Weighed	Abroad	Buoysail Trading Est ,IRE/G267/11	Office No 3 ,Mezzanine Floor , Al Yousofi Building ,P.O. Box 25714 Sharjah,United Arab Emirates		
To Other Countries	12 01 01	No	491.0	ferrous metal filings and turnings	R4	M	Weighed	Abroad	Multi Trade Links (UK) Ltd ,.	3rd Floor ,Cervantes House ,5-9 Headstone Road ,Harrow HA1 1PD ,united kingdom		
To Other Countries	12 01 01	No	1767.0	ferrous metal filings and turnings	R4	M	Weighed	Abroad	Pan Global Trading ,IRE/G239/12	503 Dr Femandes Building ,Opposite Palm Beach Hotel ,Khalid Al Waleed Street ,Bur Dubai Dubai ,United Arab Emirates		
Within the Country	16 01 03	No	30.0	end-of-life tyres	R5	M	Weighed	Offsite in Ireland	Eurocrumb - South East Tyre Recycling , WFP-WDC-01-10	Block 3 ,Lacken Road Business Park ,Lacken Road ,Kilbarry Waterford.,ireland		
Within the Country	16 06 01	Yes	118.0	lead batteries	R4	M	Weighed	Offsite in Ireland	Davis Recycling ,IRE/AG004/08	Pigeon House Road ,Ringsend ,Dublin 4. ,.,ireland	Davis Recycling ,IRE/AG004/08	Pigeon House Road ,Ringsend ,Dublin 4. ,.,ireland

Within the Country	16 06 01	Yes	155.0	lead batteries	R4	M	Weighed	Offsite in Ireland	KMK Metals ,W0113-03	Cappincur Ind Est ,Daingean Road ,Tullamore ,Co. Offaly. ,ireland
To Other Countries	19 12 03	No	237.0	non-ferrous metal	R4	M	Weighed	Abroad	EMR Liverpool , EAWML/50447	Alexandra Dock 1 ,Bootle ,Liverpool , L20 1BX. ,united kingdom
To Other Countries	19 12 03	No	685.0	non-ferrous metal	R4	M	Weighed	Abroad	FJ Church ,WML 80771	Centenary Works ,Manor Way ,New Road ,Rainhan Essex RM 13 8RH. ,united kingdom
To Other Countries	19 12 03	No	89.0	non-ferrous metal	R4	M	Weighed	Abroad	JM Criado S.l.,c/Torozos 4 47270	c/Torozos 4 47270,Cigales,Valladolid,,Spain
To Other Countries	19 12 03	No	52.0	non-ferrous metal	R4	M	Weighed	Abroad	Tandom Metalurgical Group ,EPR/QP 3634 KX	Radnor Park Industrial Estate ,Congleton ,Cheshire ,CW12 4XE. ,united kingdom
Within the Country	19 12 03	No	5.0	non-ferrous metal	R4	M	Weighed	Offsite in Ireland	KMK Metals ,W0113-03	Cappincur Ind Est ,Daingean Road ,Tullamore ,Co. Offaly. ,ireland
Within the Country	19 12 03	No	149.0	non-ferrous metal	R4	M	Weighed	Offsite in Ireland	P Carney Ltd.,P402-02	Crossakiel,Kells,Co. Meath,,,Ireland
Within the Country	19 12 03	No	116.0	non-ferrous metal	R4	M	Weighed	Offsite in Ireland	Davis Recycling ,IRE/AG004/08	Pigeon House Road ,Ringsend ,Dublin 4. ,,,ireland
Within the Country	19 12 05	No	85.0	glass	R5	M	Weighed	Offsite in Ireland	Gannons ,Cert of Exemption	Split Hill Quarries , Hazelwood , Kilbeggan ,Co. Westmeath. ,ireland
To Other Countries	19 12 05	No	2423.0	glass	R5	M	Weighed	Abroad	Viridor ,WML Exemption E0786.0001	Lancots Lane ,St Helens. ,Merseyside ,WA9 3EX. ,united kingdom
Within the Country	19 12 07	No	15.0	wood other than that mentioned in 19 12 06	R5	M	Weighed	Offsite in Ireland	Greenstar Limited,W0188-01	Greenogue Business Park,Rathcoole,Co. Dublin,,,Ireland
To Other Countries	20 01 35	Yes	16.0	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and and 20 01 23 containing hazardous components	R5	M	Weighed	Abroad	KAS Metal Trading ,Exemption Ref Number: EPR/UE5830KH/A001.	Unit J Prestwich Industrial Estate ,Coal Pit Lane ,Manchester M46 0RY ,,,united kingdom
To Other Countries	20 01 35	Yes	187.0	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and and 20 01 23 containing hazardous components	R5	M	Weighed	Abroad	FJ Church ,WML 80771	Centenary Works ,Manor Way ,New Road ,Rainhan Essex RM 13 8RH. ,united kingdom
To Other Countries	20 03 01	No		mixed municipal waste						
To Other Countries	19 12 03	No	117.08	non-ferrous metal	R4	M	Weighed	Abroad	FJ Church ,WML 80771	Centenary Works ,Manor Way ,New Road ,Rainhan Essex RM 13 8RH. ,united kingdom
To Other Countries	19 12 03	No	88.56	non-ferrous metal	R4	M	Weighed	Abroad	JM Criado S.l.,c/Torozos 4 47270	c/Torozos 4 47270,Cigales,Valladolid,,Spain
Within the Country	20 03 01	No	19.0	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	ENVA , W0184-01	Clonminam Industrial Estate ,Portlaoise ,Co. Laois,,,ireland
Within the Country	20 03 01	No	38.0	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Greenstar Limited,W0188-01	Greenogue Business Park,Rathcoole,Co. Dublin,,,Ireland