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ANNUAL ENVIRONMENTAL REPORT FOR GREENSTAR LTD GREENOGUE MATERIALS RECOVERY FACILITY LICENCE NO. W0188-01 JANUARY 2010 – DECEMBER 2010

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Project	Annual Environmental Report 2010						
Client	Greenstar Ltd. W0188-01						
Report No	Date	Status	Prepared By	Reviewed By			
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1. INTRODUCTION

This is the 2010 Annual Environmental Report (AER) for the Greenstar Ltd. (Greenstar), Materials Recovery Facility (MRF) located at Site 14B, Phase 3, Road 3A, Greenogue Industrial Estate, Rathcoole, County Dublin.

The AER covers the period from the 1st January 2010 to the 31st December 2010. The content is based on Schedule F of the Waste Licence (W0188-01) and the format follows guidelines set in the "Guidance Note for Annual Environmental Report" issued by the Agency¹.

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¹ EPA (Environmental Protection Agency) 1999 Waste Licensing – Draft Guidance on Environmental Management Systems and Reporting to the Agency

2. SITE DESCRIPTION

2.1 Site Location & Layout

The site, which encompasses an area of 0.603 ha, is located within the Greenogue Industrial Estate, Rathcoole. The facility comprises one waste transfer building and ancillary infrastructure, including administration offices, weighbridge, vehicle wash and paved open yard areas.

2.2 Waste Management Activities

The licence allows Greenstar to accept and process 95,000 tonnes of waste per annum consisting of non-hazardous Commercial & Industrial (C&I), Construction and Demolition (C&D) and Household waste. All waste processing takes place inside the waste transfer building as specified in Condition 5.1 of the licence.

2.2.1 Waste Types & Processes

The facility is licensed to accept the following waste types and quantities, as specified in Schedule A of the licence: -

- Household (15,000 tonnes),
- Commercial (37,500 tonnes),
- Industrial (5,000 tonnes),
- Construction & Demolition (37,500 tonnes).

The maximum tonnage of each waste type accepted, may be altered with the prior agreement of the Agency as long as the total maximum tonnage is not exceeded.

The key processes carried out at the facility include: -

- Segregation of C&I into different waste streams (paper, cardboard, glass, metal, green waste and wood) for further recovery at an appropriate facility
- Segregation of C&D into clean & dirty waste streams for further recovery purposes

• Bulking up of domestic wastes (mixed municipal waste & dry mixed recyclables) for further recovery or disposal at an appropriate off-site facility.

Household Waste

Residual or black bin waste delivered in refuse collection vehicles is transferred to large bulk transporters and is then sent to an appropriate licensed landfill. Greenstar also provides a skip hire service to private individuals. All skips arriving at the facility are netted or covered. Recyclable material is segregated, where possible, from the waste and transferred off-site to suitable licensed or permitted recycling facilities. The remaining non-recyclable and residual material is sent to licensed landfills post processing.

Commercial and Industrial Waste

Greenstar provides skips of various sizes to a wide range of commercial and industrial premises. Recyclable material (paper, cardboard, glass, metal, green waste and wood) is segregated, where possible, from the waste stream and transferred to suitable recycling facilities. The remaining non-recyclable and residual material is sent to licensed landfills. Biodegradable wastes suitable for composting which is accepted at the facility are sent to an offsite composting facility.

Construction and Demolition Waste

Construction and demolition material arrives on-site in skips of varying sizes. The loads are inspected and segregated on-site. Recoverable materials are extracted and sent off-site either for re-use or recycling. The non-recyclable materials are transferred to a licensed landfill.

2.2.2 Plant List

A list of the plant in use at the facility is given in Table 2.1. The plant provides 100% duty and 50% standby for waste processing.

Table 2.1 Existing Plant

No.	Plant	Model	Operational Capacity
1	Loading Shovel	Volvo	70t/hr
1	Fork Lift	Toyota	60 hr/wk
1	Grab	Liebherr 360	25t/hr
1	Weighbridge – 2 scales	Avery Berkel	56hr wk

3. EMISSION MONITORING

Greenstar implements a comprehensive environmental monitoring programme to assess the significance of emissions from site activities. The programme includes surface water, wastewater, noise and dust monitoring. The monitoring locations are shown on Figure 3.1 and 3.2. The results are reported to the Agency at quarterly intervals. An overview of the monitoring results is presented in this Section, with summary data included.

3.1 Surface Water Monitoring

Surface water run-off is confined to run-off from the roofed area of the waste transfer building and run-off from the paved yards and is completely dependant on rainfall. Prior to discharge the surface water is treated by a Class 1 petrol/oil interceptor which is maintained regularly throughout the year.

The sampling and analysis was carried out in accordance with recognised quality assurance and control procedures. The range of analysis was as specified in Schedule D of the licence and included Biological Oxygen Demand (BOD), Chemical Oxygen Demand (COD), suspended solids (TSS), pH, electrical conductivity, mineral oils, total nitrogen and total ammonia. The results are presented in Table 3.1, which includes the trigger levels and Emission Limit Values (ELVs) set in the licence.

With the exception of the BOD level (28 mg/l) in the 3rd Quarter, which marginally exceeded the trigger level (25 mg/l), the discharge complied with the trigger levels and ELVs set in the licence. The other parameters were below the ELV and trigger limits. The surface water run-off discharges to the storm drain serving the industrial estate. It is considered unlikely that the slightly elevated BOD resulted in significant impact on the quality of the water in the storm drain.

Table 3.1: Surface Water Monitoring Results 2010

Parameter	Units	Q1	Q2	Q3	Q4	Trigger Levels	Emission Limit
рН	pH units	8.21	8.01	8.23	7.07	N/A	N/A
Temperature	°C	10.5	13.9	15	12.9	N/A	N/A
Conductivity	mS/cm	0.838	0.752	0.731	0.559	N/A	N/A
Total Ammonia	mg/l	8.9	11.6	11.4	1.3	N/A	N/A
BOD	mg/l	18	21	28	22	25	N/A
COD	mg/l	63	45	73	111	N/A	N/A
Total Suspended Solids	mg/l	30	28	29	30	35	N/A
Total Nitrogen	mg/l	62	12	12	3	N/A	N/A
Mineral Oils	mg/l	< 0.01	< 0.01	<0.01	<0.01	N/A	5

3.2 Wastewater Monitoring

Waste water is generated from vehicle washing at the facility and from the floor of the MRF building. The wash water is directed to a silt trap and then to a petrol/oil interceptor before discharging to the municipal sewer.

The sampling and analysis was carried out in accordance with recognised quality assurance and control procedures. The range of analysis was as specified in Schedule D of the Waste licence and included BOD, COD, suspended solids, pH, ammoniacal nitrogen, sulphate, fats, oils and greases and detergents. The samples were compared to the ELVs set in the licence. The results, which are presented in Table 3.2, confirmed 100% compliance with the ELVs.

Table 3.2: Wastewater Monitoring Results 2010

Parameter	Units	Feb '10	Apr '10	June '10	Aug '10	Nov '10	Dec '10	Emission Limit
рН	pH units	7.42	7.16	6.77	7.86	6.82	8.50	6 – 10
Temperature	°C	14.5	10.1	13.6	15.4	13.3	13.0	42
Sulphate	mg/l	3.2	< 0.05	< 0.05	83.78	18.48	8.78	1,000
BOD	mg/l	369	540	264	93	114	208	3,000
COD	mg/l	792	1040	616	337	372	408	6,000
Total Suspended Solids	mg/l	162	139	130	117	1515	685	2,000
Oils, Fats & Greases	mg/l	2.398	0.768	0.820	0.102	<0.01	<0.01	100
Ammoniacal Nitrogen	mg/l	7.47	12.08	15.94	11.08	39.53	2.54	100
Detergents (as MBAS)	mg/l	0.6	0.4	1.1	0.5	0.4	0.5	100

3.3 Noise Survey

The annual noise survey was conducted in accordance with Schedule D3 of the licence on the 10th August 2010 at the three on-site, N-1, N-2 and N-3 one off-site noise sensitive location, NSL-1. The ELV specified in the licence (55 dB(A) LA_{eq}(30 minutes)) relates only to NSL-1.

The survey was conducted when the site was fully operational and the results confirmed that the facility was in full compliance with its licence requirements. Noise emission from the facility were not audible above 55 dB(A) $LA_{eq\ 30min}$ at the nearest noise sensitive location. The results are included on Table 3.3.

Table 3.3: Noise Monitoring Results 2010

Station	Time	LAeq	LAF10	LAF90	Specific	Noise audible
Station		30 min dB	30 min	30 min	level*	Trouge dualitie
N1	1443- 1513	62	60	46	55-60	Greenstar emissions audible continuously. Truck movements through entrance dominant when present. Emissions also audible occasionally from adjacent premises. Overflights dominant when present.
N2	1417- 1447	66	69	44	<44	Site emissions (chiefly front end loader in building and manoeuvring trucks) dominant until 1420 when quietened. Thereafter noise emissions from premises and traffic across industrial estate audible. Overflights dominant when present.
N3	1407- 1437	63	63	45	45-50	Plant operating in building dominant until shut down at 1420. Thereafter air handling emissions at adjacent premises and rustling vegetation only sources audible, apart from overflights.
NSL1	1530- 1601	62	63	39	<39	No emissions audible from facility, apart from possible reversing alarm arising occasionally from commercial estate in which facility located, specific source unknown, and not significant. Intermittent local traffic and occasional overflights dominant when present. Silage cutting operation to N slightly audible continuously. Rustling vegetation & birdsong. Paused for 1 min at 1554 due to local intrusion.

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

3.4 Dust Monitoring

Dust monitoring was carried out on three occasions at four on-site locations (DS-01, DS-02, DS-03 and DS-04) in April, July and August 2010. The results of the monitoring are included on Table 3.4. There was 100% compliance with the dust deposition limit set in the licence $(350 \text{ mg/m}^2/\text{day})$.

Table 3.4: Dust Monitoring Results 2010

	April '10 mg/m²/day	July '10 mg/m²/day	August '10 mg/m²/day	Dust Deposition Limit mg/m²/day
DS-01	131.4	55.7	38.0	350
DS-02	74.7	110.2	249.2	350
DS-03	148.3	108.5	210.6	350
DS-04	146.6	37.3	74.0	350

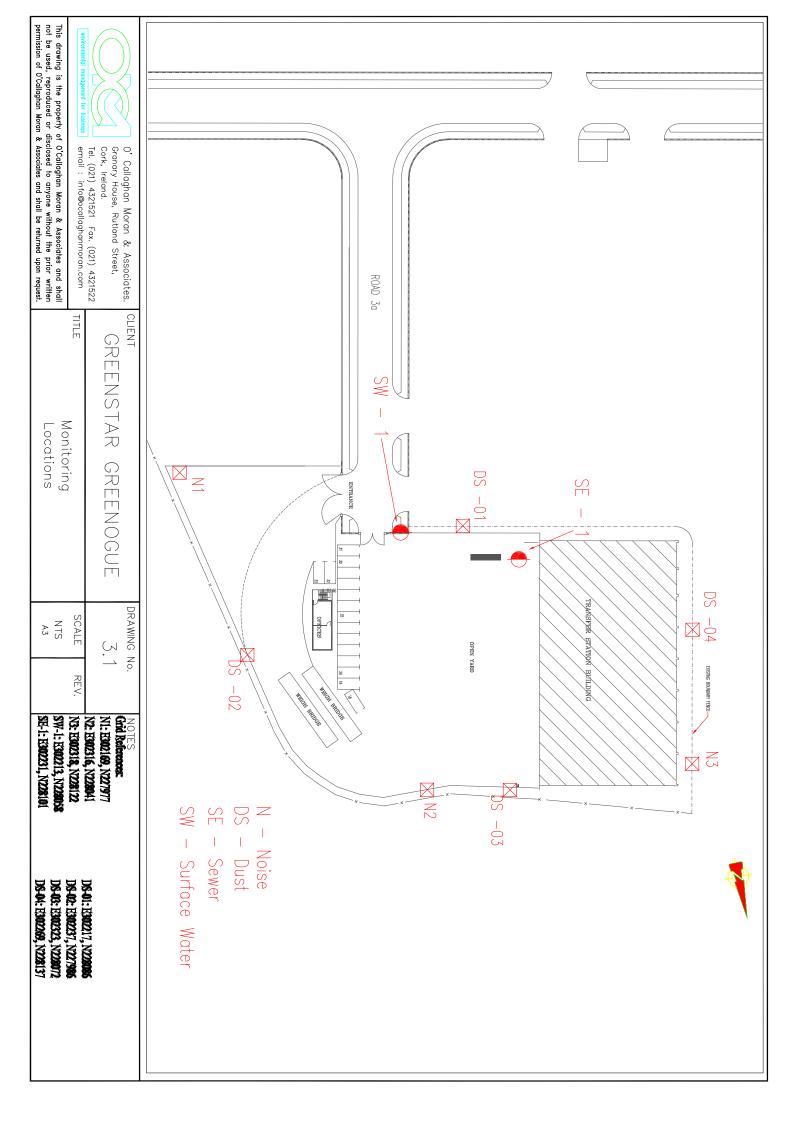
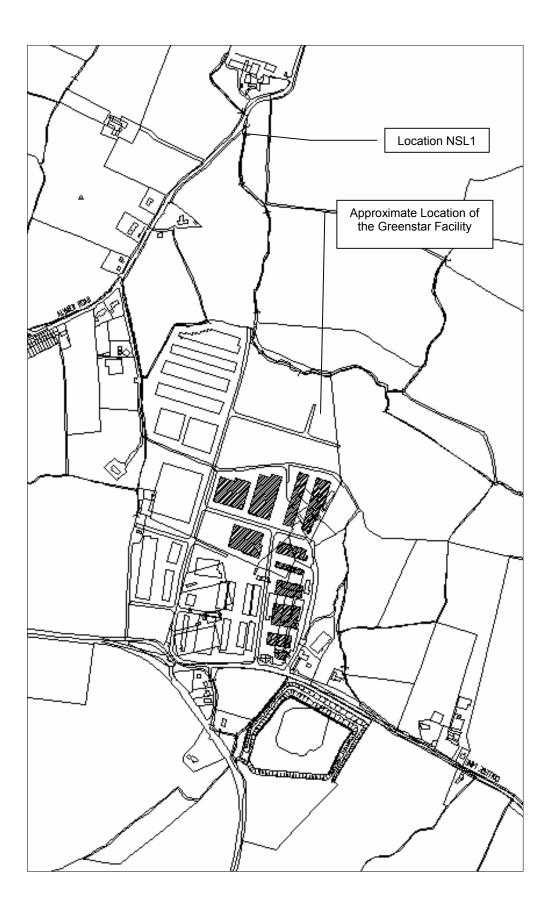


Figure 3.2 – Noise Sensitive Location



4. SITE DEVELOPMENT WORKS

4.1 Specified Engineering Works

No Specified Engineering Works (SEW) were carried out during the reporting period.

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 Estimate of Resources Used On-Site

Resources	Quantities
Diesel	42,000 litres
Truck Wash	190 litres
Engine Oil	50 litres
Electricity	68,300 kWh

4.3 Tank & Pipeline Integrity Testing

Condition 3.11.8 of the licence requires tank, drum, pipeline and bund testing to be carried out every three years. This testing was carried out in 2009 and confirmed the integrity of the infrastructure was fit for purpose. Testing was not required in the reporting period.

5. WASTE RECEIVED AND CONSIGNED FROM THE FACILITY

Table 5.1 shows the total quantities of waste received and consigned from the facility in 2010 with data for 2009 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 50,562.66 tonnes. The total waste consigned was 49,688.29 tonnes. The difference is due to waste remaining on site at the end of 2010, which will be consigned in 2011 (approximately 150 tonnes) and the weight of rainwater present in skips arriving at the facility.

As per Condition 5.4.1 of the licence all the wastes consigned from the site went to recovery and disposal facilities and a copy of the relevant Facility Permit or Waste Licence, types and quantities retained on site for Agency inspection. The recovery rate for the facility was 56.68%.

Table 5.1 Waste Received & Consigned 2010

	vaste Received & Consigned 2010		
EWC	Description	Waste In	Waste Out
13 05 03*	Interceptor Sludge		24.00
15 01 01	Cardboard & Paper Packaging	2,980.00	3,262.36
15 01 02	Plastic Packaging	65.00	119.05
15 01 03	Wooden Packaging	184.00	1,467.00
15 01 04	Metallic Packaging	4.00	
15 01 06	Mixed Packaging	4,608.00	3,909.70
15 01 07	Glass Packaging	1.00	
16 05 04*	Gas Cylinders		0.34
17 01 01	Concrete from C&D Waste	8.00	
17 01 07	Mixture of concrete, bricks, tiles, ceramics from C&D Waste	2,352.00	2,561.00
17 02 01	Wood from C&D Waste	27.00	
17 04 01	Copper, brass, bronze from C&D Waste	0.20	
17 05 04	Soil & Stone from C&D Waste	1,465.00	2,244.40
17 08 02	Gypsum based construction material	4.00	
19 08 99	Bio Plant Residual Solids	11.00	
19 09 05	Resin	7.00	
19 12 07	Processed Wood	6.00	
19 12 12	Mixed Residual Waste from mechanical treatment	16,916.00	20,738.16
20 01 01	Paper & Cardboard	21.00	15.00
20 01 02	Glass	2.00	
20 01 08	Commercial Food Wastes	3,051.00	2,535.30
20 01 33*	Batteries		1.00
20 01 35*	WEEE	0.20	
20 01 38	Wood from municipal sources	1,422.00	569.00
20 01 39	Plastic from municipal sources	18.00	8.52
20 01 40	Metal from municipal sources	475.00	696.00
20 02 01	Biodegradable garden & park waste	1,535.00	1,351.00
20 03 01	Mixed Residual Waste	3,021.00	
20 03 07	Bulky Waste	12,380.00	10,184.73
	Total Received	50,563.40	
	Total Consigned		49,686.56
	Total Recovered		28,163.80
	Total Disposed		21,522.76
	Recovery Rate		56.68%

Table 5.2 Waste Received & Consigned in 2009

EWC	Description	Waste In	Waste Out
15 01 01	Cardboard Packaging	1,668.10	1,975.24
	Plastic Drum Lid	,	2.92
15.01.02	Drum Pizza Base		20.11
15 01 02	Plastic Packaging	92.88	118.18
	Polystyrene	0.08	7.06
	Pallets	138.36	103.30
15 01 03	Wooden Packaging	334.13	2,009.62
	Aluminium	3.30	,
15 01 04	Metal	2.87	
15 01 06	Mixed Packaging	4,210.78	3,748.61
15 01 07	Mixed Glass	9.22	,
16 05 04*	Gas Cylinders		1.82
16 06 01*	Battery Lead Acid		1.06
17 01 07	C&D Inert Mixed	3,471.05	4,868.45
17 02 01	Wood	-,	24.94
17 04 11	Cable	1.74	21.51
	C&D Inert Mixed	1,181.78	
17 05 04	Soil & Stones	56.54	1,126.85
17 08 02	Plasterboard	41.02	32.68
19 09 05	Resin	53.66	32.00
		33.00	42.40
19 12 07	Wood	4.02	43.48
19 12 12	C&I Dry Mixed	4.92	8,720.80
	MSW Municipal Mixed	425.23	24,661.84
	Cardboard & Paper	20.15	8.88
20 01 01	Cardboard Packaging	16.68	
20 01 01	Newsprint Page Confidential	2.68	
	Recy Confidential Recy Paper	8.58 30.59	
20.01.02	Glass	6.92	
20 01 02			
20 01 08	Kitchen and Canteen Waste	2,377.68	1 621 11
20.01.11	Biodegradable Waste	0.07	1,631.11
20 01 11	Textile	0.05	
20 01 33*	Batteries		1.06
20 01 38	Wood	1,880.11	440.10
	Trays	2.51	
20 01 39	Metallised CDs	2.86	
	Plastic	109.40	
	CDs for shredding		13.98
20 01 40	Metal	729.20	885.14
20 02 01	Green Biodegradable Waste	1,685.66	1,604.26
	Green Mixed	151.84	
20 03 01	MSW Municipal Mixed	20,212.32	
20 03 07	C&I Dry Mixed	13,539.58	
	Total Received	52,472.47	EA 0=4 40
	Total Consigned		52,051.49
	Total Recovered Total Disposed		34,438.81 17,612.68
	LOTAL DISDOSECT	1	17,014.08

 Table 5.3 Previous Waste Consignments

Description	2009	2008	2007	2006	2005	2004
Total Received	52,472.47	68,661.96	63,481.24	51,767.97	1,540.48	461.27
Total Consigned	52,051.49	66,758.24	60,776.28	51,175.53	1,400.66	411.80
Total Recovered	34,438.81	47,753.48	58,200.63	36,183.96	1,010.15	368.04
Total Disposed	17,612.68	19,004.86	2,575.65	15,093.39	390.51	43.76
Recovery Rate	66%	71.53%	95.76%	71%	72%	89%

6. ENVIRONMENTAL INCIDENTS AND COMPLAINTS

6.1 Incidents

In the third quarter, the BOD level (28 mg/l) marginally exceeded the trigger level set in Condition 6.3.2 of the licence (25 mg/l). The levels of the other parameters were below the ELV and trigger limits. The Agency, South Dublin County Council and the Eastern Region Fisheries board were notified of this incident on the 20th August 2010. There were no other incidents at the facility in 2010.

6.2 Register of Complaints

Greenstar maintains a register of complaints received in accordance with Condition 10.4 of the waste licence. No complaints were received during the reporting period.

7. ENVIRONMENTAL DEVELOPMENT

7.1 Environmental Management Programme Report

In 2010, the facility attained ISO 14001/OHSAS 18001 certification. The facility is externally audited annually and internally audited twice per year. The management programme in the Environmental Management System (EMS) contains a schedule for achieving objectives and targets and designates responsibility and timeframes for achieving those targets. The EMS is reviewed annually as part of the annual management review meeting during which senior management attend.

The schedule of Objectives and Targets, including their status for 2010 (Table 7.1), as well as the proposed Objectives and Targets for 2011 (Table 7.2) are presented below. An index of procedures used at the facility is included in Appendix 1.

7.1.1 Site Management Structure

Management and Staffing structure: -

Name: Aidan Shanahan

Responsibility: Head of Leinster MRF Operations; overall responsibility for the running of the business including environmental compliance

Experience: 8 years working in the waste management industry and 16 years

operational management experience; has completed the FAS Waste

Management Course

Name: James Sowray

Responsibility: Operations Manager; overall responsibility for the day to day site

operations of the site including environmental compliance

Experience: 10 years working in operations management; has completed the FAS

Management Course

Name: Jonathon O'Keeffe (Nominated Deputy)

Responsibility: Dispatch Manager

Experience: 8 years working in waste management; has completed the FAS

Management Course

7.1.2 Staff Training

No training was required during the year.

7.2 Environmental Management Programme Progress Report & Proposal

7.2.1 Schedule of Objectives 2010 –Progress Report

The objectives that were achieved during this reporting period are outlined in Table 7.1 and the progress summarised below.

Objective 1 – Awareness and Training

Environmental training is carried out as part of the ISO 14001. This is inclusive of spill training.

Objective 2 – Energy & Resource Consumption

Electricity consumption decreased in 2010, this is mainly due to a decrease in the number of office staff at the facility and the movement of overnight security to an off-site location.

Objective 3 – Review and Assess the Effectiveness of Nuisance Control Procedures

The facility did not cause a nuisance. The nuisance control procedures are effective and routinely audited both internally and externally.

Objective 4 – Pollution Prevention

The routine environmental monitoring has confirmed that the facility is not causing pollution in the local environment.

Objective 5 – ISO Certification

An integrated management system inclusive of the environmental standard ISO 14001 and health and safety standard OHSAS 18011 was installed at the facility in 2010. This system gained certification to both standards.

Objective 6 – Traffic Management

Signage at the facility was improved in 2011. Further improvements in traffic management are planned for 2011.

Objective 7 – Material Storage

Better segregation of material is now implemented at the facility and signage has also been improved.

Table 7.1 Schedule of Objective and Targets 2010

No	Objective	Target	Responsibility	Timescale
1	Awareness and Training	Continue to ensure that appropriate training is carried out specific to all site personnel as per the Company's established Training Matrix. Spill training, inclusive of a spill scenario to be carried out.	Site Management	Completed
2	Energy & Resource Consumption	Summarise energy and resource usage on a quarterly basis with a view to reducing consumption Review and implement findings of Energy Audit	Site Management	Completed
3	Review and Assess the Effectiveness of Nuisance Control Procedures	Continually review and assess all nuisance control procedures to ensure minimal impact on the surrounding area.	Site Management	Completed
4	Pollution Prevention	Strive to ensure that monitoring results comply with the licence limits and investigate any exceedances of emission limit values. Continue to ensure the integrity and maintenance of all drainage infrastructure.	Site Management	Completed
5	ISO Certification	Continue to maintain ISO 14001 certification. Review Environmental Management Procedures	Site Management	Completed
6	Traffic Management	Assess and Improve traffic management on site	Site Management	Completed
7	Material Storage	Improve waste storage and segregation infrastructure within the MRF building and define further the various waste designated areas.	Site Management	Completed

7.2.2 Schedule of Objectives 2011 – Proposal

The schedule of targets and objectives for 2011 are presented in Table 7.2.

Table 7.2 Schedule of Objective and Targets 2011

No	Objective	Target	Responsibility	Timescale
1	Awareness and Training	Continue to ensure that appropriate training is carried out specific to all site personnel as per the Company's established Training Matrix.	Site Management	Q1 2012
2	Energy & Resource Consumption	Summarise energy and resource usage on a quarterly basis with a view to reducing consumption	Site Management	Q1 2012
3	Review and Assess the Effectiveness of Nuisance Control Procedures	Continually review and assess all nuisance control procedures to ensure minimal impact on the surrounding area.	Site Management	Q1 2012
4	Pollution Prevention	Strive to ensure that monitoring results comply with the licence limits and investigate any exceedances of emission limit values.	Site Management	Q1 2012
5	ISO Certification	Continue to maintain ISO 14001 certification.	Site Management	Q1 2012
6	Traffic Management	Continue to improve on traffic management within the facility.	Site Management	Q1 2012

7.3 Communications Programme

Greenstar are committed to setting the standard in waste management and ensuring environmental compliance in all operations. In addition, Greenstar's Environmental Policy makes a specific commitment to make the environmental policy and records available to the public and interested parties. To this end Greenstar has drawn up a Communications Programme, which details how members of the public are facilitated in accessing environmental information at the facility.

Records available for public inspection on site include:-

- Environmental Policy,
- Waste Licence,
- Licence Application and Review documentation,
- Monitoring Records,
- Complaints File,
- EPA Correspondence File.

Opening Times for Inspection of Records are from 9 am – 4 pm.

Visits to the site should be arranged in advance by ringing the Facility Manager or Supervisor at 1890 600 900.

7.4 Nuisance Controls

Greenstar has contracted a vermin control company Rentokil to carry out nuisance control at the facility. Rentokil assess vermin activity on-site, along with an inspection of the bait traps that are located throughout the facility. Records are maintained onsite.

Greenstar implemented additional bird control measures in 2010. A speaker system is in operation at the facility as is a bird repellent kite which is situated on the boundary fence and has proved effective in keeping the numbers of birds at the site to a minimum.

7.5 Waste Recovery Report

The facility is designed to increase the recycling of biodegradable materials and reduce the volume of waste disposed to landfill. Of the 50,563.40 tonnes of waste accepted approximately 57% was sent for recovery.

7.6 Report Financial Provision

Greenstar has accrued over €3,000,000 in funds, to provide for any potential environmental liabilities. Greenstar has adequate insurance cover for environmental liabilities to €6,350,000 for any one occurrence, which will apply to "sudden identifiable and unintended incidents".

7.7 Wastewater Volume Produced and Transported Off-Site

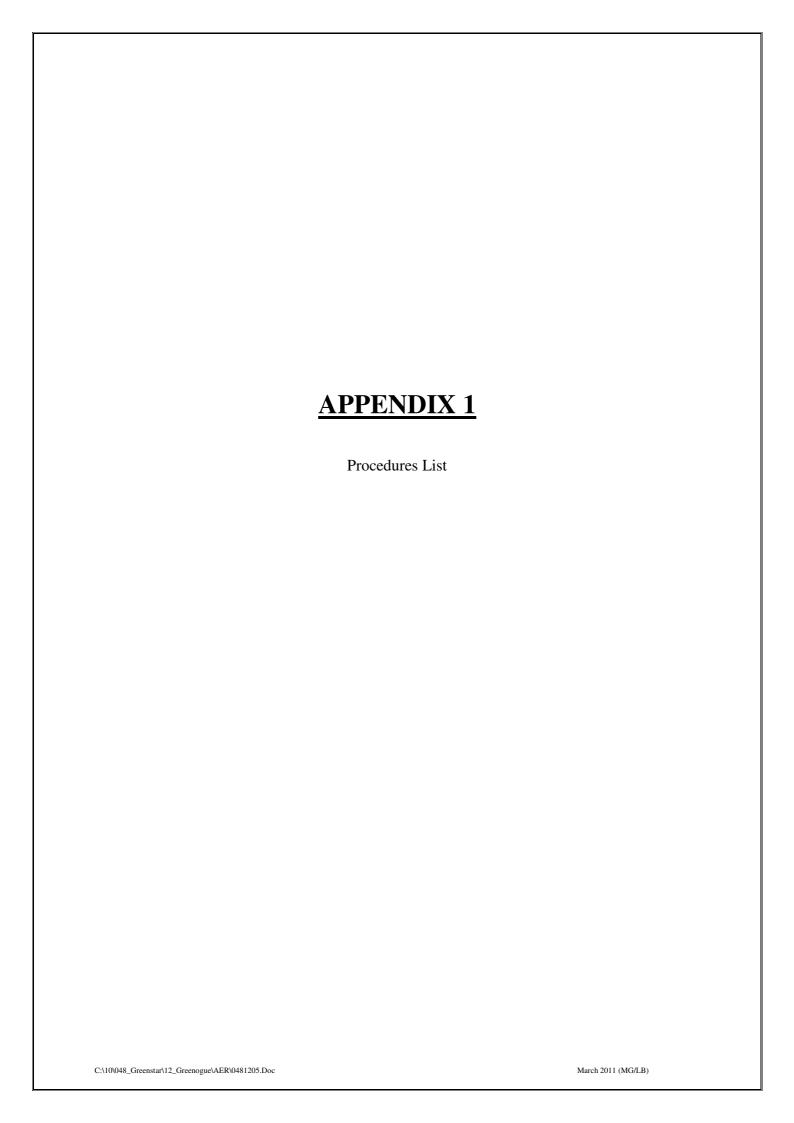
Wastewater (truck wash and MRF floor) is directed to a silt trap and then to a petrol/oil interceptor before discharging to the municipal sewer. It is estimated that approximately 3,000 m³ of wastewater was discharged to the sewer during the reporting period. During the year 24 tonnes of waste was also removed from the facility following the cleaning out of the interceptors on site.

7.8 European Pollutant Release and Transfer Register

A copy of the EPRTR return submitted to the Agency via the web-based data reporting system is included in Appendix 2.

8. OTHER REPORTS

No other reports were requested by the Agency during the reporting period.







Integrate	d Procedures - IP	
IP-01	Document & Record Control Procedure	Rev 02, 05/02/10
IP-02	Health & Safety Risk Assessment Procedure	Rev 03, 10/03/10
IP-03	Environmental Aspects & Impacts Procedure	Rev 03, 10/03/10
IP-04	Legal & Regulatory Requirements Procedure	Rev 03, 10/03/10
IP-05	Objectives, Targets & Management Programmes Procedure	Rev 03, 10/03/10
IP-06	Competence, Training & Awareness Procedure	Rev 03, 10/03/10
IP-07	Communication & Consultation Procedure	Rev 04, 28/04/10
IP-08	Monitoring, Measurement & Improvement Procedure	Rev 02, 05/02/10
IP-09	Evaluation of Compliance Procedure	Rev 03, 10/03/10
IP-10	Non Conformances, Corrective/Preventive Actions Procedure	Rev 03, 10/03/10
IP-11	Internal Audit Procedure	Rev 03, 10/03/10
IP-12	Management Review Procedure	Rev 02, 05/02/10
IP-13	Control of Contractors/Visitors Procedure	Rev 03, 10/03/10
IP-14	Health & Safety & Environmental Monitoring	Rev 02, 05/02/10
IP-15	Emergency Preparedness & Response Procedure	Rev 02, 10/03/10

Safety Procedures - SP									
SP-01	Permit to Work Procedure	Rev 03, 10/03/10							
SP-02	Maintenance & Calibration Procedure	Rev 03, 10/03/10							
SP-03	Mobile Plant Procedure	Rev 02, 05/02/10							
SP-04	Fork Truck Procedure	Rev 03, 10/03/10							
SP-05	Operation of Fixed Plant Procedure	Rev 03, 10/03/10							
SP-06	Lock Out / Tag Out Procedure	Rev 03, 10/03/10							
SP-07	Health & Safety Notification Procedure	Rev 03, 10/03/10							

Environmental Procedures - EP								
EP-01	Office Waste & Energy Management Procedure	Rev 02, 05/02/10						
EP-02	Decommissioning and Aftercare Procedure	Rev 02, 05/02/10						
EP-03	EPA Communications Procedure	Rev 02, 05/02/10						
EP-04	Waste Permits & Licences Procedure	Rev 01, 01/10/09						
EP-05	Waste Acceptance Procedure	Rev 01, 01/10/09						
EP-06	Unacceptable Waste Procedure	Rev 02, 10/03/10						
EP-07	Waste & Material Storage Procedure	Rev 02, 10/03/10						
EP-08	Waste Processing Procedure	Rev 01, 01/10/09						
EP-09	Site Infrastructure Procedure	Rev 02, 05/02/10						
EP-10	Nuisance Management Procedure	Rev 02, 05/02/10						
EP-11	Civic Amenity Site Procedure	Rev 02, 05/02/10						



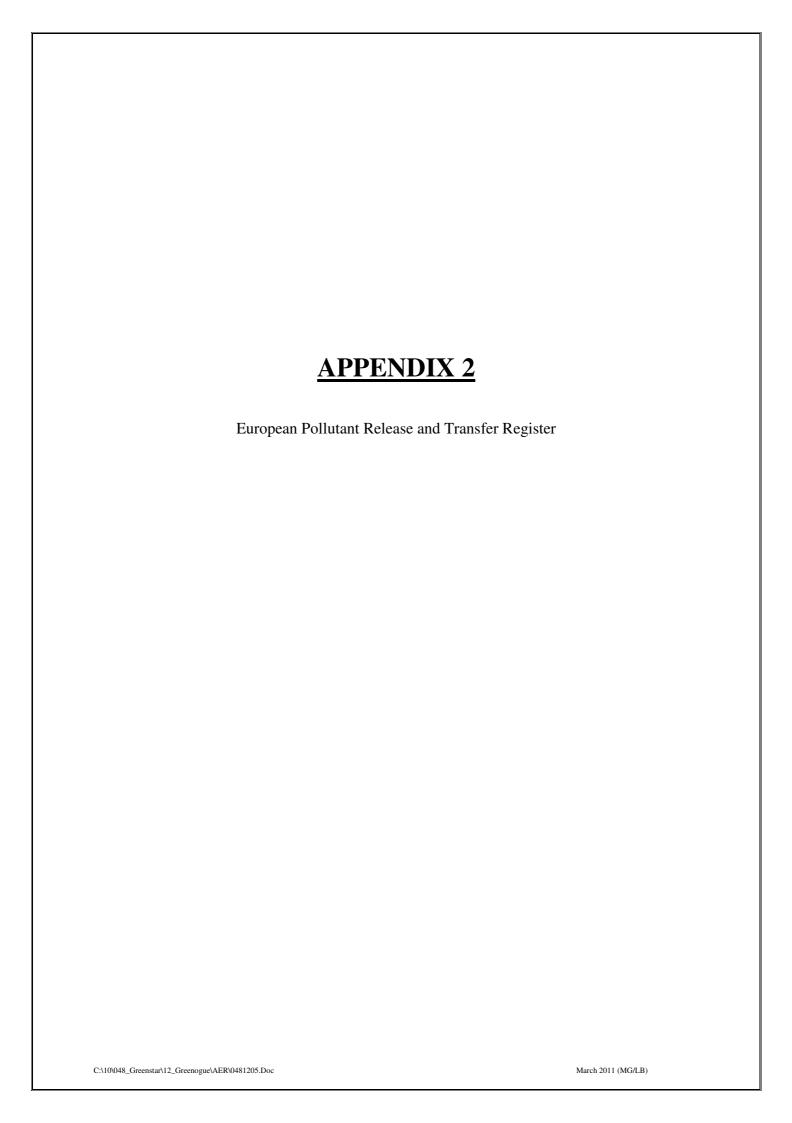


Doc. No.: ControlRevision No.: 01Issue Date: 01st October 2009Approved By:Malcolm Dowling - Group Environmental ManagerPage 2 of 2

Malcolm Dowling – Group Environmental Manager
Oliver Callan – Group H&S Manager

Amendment History

Date	Amendment No.	Procedure No:	Revision No:	Comment	Authorised By
01.10.09	01	All	Rev 01	Initial Issue	M.D & O.C
05.02.10	02	SP 01 to SP 07 IP 01 to IP 14 EP 01 to EP 3, EP 9, EP 10 & EP 11	Rev 02	Revision of Records	M.D & O.C
05.02.10	03	IP 15	Rev 01	Inclusion of ERP	M.D & O.C
10.03.10	04	IP 15	Rev 02	Contractor site rules & Handbook	M.D & O.C
10.03.10	05	IP 02 to IP 07, IP 09 to IP 11 & IP 13 SP 01, 02 & SP 04 to SP 07	Rev 03	Revision of Records	M.D & O.C
10.03.10	06	EP 06 & EP 07	Rev 02	Inclusion of Waste Rejection Form	M.D & O.C
28.04.10	07	IP 07	Rev 04	Inclusion of meetings	M.D & O.C





| PRTR# : W0188 | Facility Name : Greenstar Materials Recovery Ltd | Filename : W0188_2010.xls | Return Year : 2010 |

Guidance to completing the PRTR workbook

AER Returns Workbook

Version 1.1.11

REFERENCE YEAR 2010

1. FACILITY IDENTIFICATION

1.1 AGIETT I DENTIL IOATION	
Parent Company Name G	Greenstar Materials Recovery Ltd
Facility Name G	Greenstar Materials Recovery Ltd
PRTR Identification Number W	V0188
Licence Number W	V0188-01

Waste or IPPC Classes of Activity

Waste or IPPC Classes of Activity	
No.	class_name
	Recycling or reclamation of organic substances which are not used
	as solvents (including composting and other biological
4.2	transformation processes).
	Blending or mixture prior to submission to any activity referred to in
3.11	a preceding paragraph of this Schedule.
	Repackaging prior to submission to any activity referred to in a
3.12	preceding paragraph of this Schedule.
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.
	Exchange of waste for submission to any activity referred to in a
4.12	preceding paragraph of this Schedule.
	Storage of waste intended for submission to any activity referred to
	in a preceding paragraph of this Schedule, other than temporary
4.40	storage, pending collection, on the premises where such waste is
	produced.
	Recycling or reclamation of metals and metal compounds.
	Recycling or reclamation of other inorganic materials.
Address 1 Address 2	14B Phase 3
	Greenogue Industrial Estate Rathcoole, Co Dublin
Address 4	i iatricoole, oo bubiiri
Country	Ireland
Coordinates of Location	
River Basin District	
NACE Code	
	Recovery of sorted materials
AER Returns Contact Name	
AER Returns Contact Email Address	
AER Returns Contact Position	
AER Returns Contact Telephone Number	
AER Returns Contact Mobile Phone Number	
AER Returns Contact Fax Number	
Production Volume	
Production Volume Units	
Number of Installations	
Number of Operating Hours in Year	
Number of Employees	
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?	

| PRTR# : W0188 | Facility Name : Greenstar Materials Recovery Ltd | Filename : W0188_2010.xls | Return Y@age20602

4.1 RELEASES TO AIR

Link to previous years emissions data

| PRTR# : W0188 | Facility Name : Greenstar Materials Recovery Ltd | Filename : W0188_2010.xls | Return Year : 2010 |

30/03/2011 10:15

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO AIR			Please enter all quantities in this section in KGs					
POLLUTANT			ME	THOD		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	ı	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

	Please enter all quantities in this section in KGs								
POLLUTANT			N	METHOD	QUANTITY				
				Method Used					
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Ac	ccidental) 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			M	ETHOD	QUANTITY					
			Method Used							
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidenta) 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 Materials Recovery Ltd

Langilli:	Greenstal Materials necovery Liu				_	
Please enter summary data on the quantities of methane flared and / or utilised			Met	hod Used		
				Designation or	Facility Total Capacity m3	
	T (Total) kg/Year	M/C/E	Method Code	Description	per hour	
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

PRTR#: W0188 | Facility Name: Greenstar Materials Recovery Ltd | Filename: W0188_2010.xls | Return Year: 2010 |

30/03/2011 10:16

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						
POI	LLUTANT				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							
POL						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/Ye	ar 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						
POL	LUTANT						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

| PRTR# : W0188 | Facility Name : Greenstar Materials Recovery Ltd | Filename : W0188_2010.xls | Ru

20/02/2011 10:17

SECTION A: PRTR POLLUTANTS

	OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREAT	MENT OR	SEWER		Please enter all quantities in this section in KGs			
	POLLUTANT		METHO	D			QUANTITY	
			Met	hod 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)

SECTION B : REMAINING I	POLLUTANT EMISSIONS (as required in your Licence)		D OFWED		BI . II	11. 11. 140			
	OFFSITE TRANSFER OF POLLUTANTS DESTINED POLLUTANT	FOR WASTE-WATER TREATMENT O		ETHOD	Please enter all quantities in this section in KGs QUANTITY				
	POLLUTANT		IVI	Method Used	SE-1		QUANTITY		
Pollutant No.	Name	M/C/E	Method Code			T (Total) KG/Year	A (Accidental) KG/Year	E (Eugitive) KG/Vear	
Foliatant No.	Name	IW/C/E	Wethou Code	Based on an estimate of	LIIIISSIOII I OIIIL I	T (Total) NG/Teal	A (Accidental) NG/Teal	(rugitive) (Cd/ real	
				water used in the wheel					
				wash. Analysis is ISO					
238	Ammonia (as N)	E	PER	accredited	29.54667	29.54667	0.0	0.0	
200	7 illinoria (ao 11)	_		Based on an estimate of	20.0.007	20.0.007	0.0	0.0	
				water used in the wheel					
				wash. Analysis is ISO					
303	BOD	E	PER	accredited	529.3333	529.3333	0.0	0.0	
				Based on an estimate of					
				water used in the wheel					
				wash. Analysis is ISO					
306	COD	E	PER	accredited	1188.333	1188.333	0.0	0.0	
				Based on an estimate of					
				water used in the wheel					
				wash. Analysis is ISO					
308	Detergents (as MBAS)	E	PER	accredited	1.166667	1.166667	0.0	0.0	
				Based on an estimate of					
				water used in the wheel					
				wash. Analysis is ISO					
314	Fats, Oils and Greases	E	PER	accredited	2.044	2.044	0.0	0.0	
				Based on an estimate of					
				water used in the wheel					
				wash. Analysis is ISO					
343	Sulphate	E	PER	accredited	57.12	57.12	0.0	0.0	
				Based on an estimate of					
				water used in the wheel					
				wash. Analysis is ISO					
240	Suspended Solids	E	PER	accredited	916.0	916.0	0.0	0.0	

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

Link to previous years emissions data

4.4 RELEASES TO LAND

Link to previous years emissions data

| PRTR# : W0188 | Facility Name : Greenstar Materials Recovery Ltd | Filename : W0188_2010.xls | Return Year : 2010 |

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SECTION A: PRTR POLLUTANTS

	RELE	ASES TO LAND			Please enter all quantiti		
	POLLUTANT		N	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
						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)

	RELEASES TO LAND		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			
				0.0)	0.0 0.0			

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

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE | PRTR#: W0188 | Facility Name: Greenstar Materials Recovery Ltd | Filename: W0188 | 2010.xls | Return Year: 2010 |

Please enter all quantities on this sheet in Tonnes Haz Waste : Name and Licence/Permit No of Next ectination Facility Non Haz Waste : Address of Next Name and License / Permit No. an Quantity Haz Waste: Name and Actual Address of Final Destination Address of Final Recoverer / Destination Facility (Tonnes per Licence/Permit No of Non Haz Waste: Address of Disposer (HAZARDOUS WASTE i.e. Final Recovery / Disposal Site Year) Method Used Recover/Disposer Recover/Dispose (HAZARDOUS WASTE ONLY) Waste European Waste Treatment Location of Transfer Destination Code Hazardous Description of Waste Operation M/C/E Method Used Treatment Horizon Environmental .CPD Unit 26 Collinstown Cross 277-2, Unit 26 Collinstown Unit 26 Collinstown Cross Industrial Estate Old Airport Cross Industrial Estate Old Industrial Estate Old Airport Airport Road, Cloghran, Co. Horizon Environmental .CPD Road.Cloghran.Co. Road.Cloghran,Co. Within the Country 13 05 03 24.0 interceptor sludges R13 Weighed Offsite in Ireland 277-2 Dublin, Ireland Dublin, Ireland Dublin, Ireland Rosemount Business Park.Ballycoolin Bailey Waste Recycling, WFP-Road, Blanchardstown, Dublin Offsite in Ireland FG-08-0002-01 Within the Country 15 01 01 Nο 1849.68 paper and cardboard packaging R3 Weighed 16.Ireland Fassaroe, Bray, Co. Within the Country 15 01 01 1304.22 paper and cardboard packaging R13 Weighed Offsite in Ireland Greenstar Limited, W0053-03 Wicklow...Ireland Unit 2B, Kylemore Industrial Estate Ballyfermot Dublin Within the Country 15 01 01 No 108.46 paper and cardboard packaging R3 М Weighed Offsite in Ireland Re-Box Recycling, N/a 10, Ireland C Green Plastic.WFP-WW-The Murrough, Co. Within the Country 15 01 02 No 35.52 plastic packaging R3 Weighed Offsite in Ireland 10-0019-01 Wicklow Ireland Fassaroe, Bray, Co. Within the Country 15 01 02 No 38.82 plastic packaging R13 Weighed Offsite in Ireland Greenstar Limited, W0053-03 Wicklow,...Ireland Max Pallet Services Ltd..Not Colemanstown, Rathcoole, Co. Within the Country 15 01 03 No 62.0 wooden packaging R3 Weighed Offsite in Ireland Required Dublin,,,Ireland Fassaroe, Bray, Co. Offsite in Ireland Greenstar Limited, W0053-03 Wicklow,...Ireland Within the Country 15 01 03 1405.0 wooden packaging R13 No Weighed Crag Avenue, Clondalkin Greyhound Recycling & Industrial Estate, Clondalkin R5 Within the Country 15 01 06 No Weighed Offsite in Ireland Recovery Limited, W0205-01 Dublin 22 Ireland 39.7 mixed packaging Fassaroe, Bray, Co. Offsite in Ireland Greenstar Limited, W0053-03 Wicklow, ... Ireland Within the Country 15 01 06 3870.0 mixed packaging R13 Weighed No Calor Gas. Not Long Mile Road, Dublin Required,Long Mile Long Mile Road, Dublin gases in pressure containers (including Within the Country 16 05 04 Yes 0.34 halons) containing dangerous substances Weighed Offsite in Ireland Calor Gas, Not Required 12,..,Ireland Road, Dublin 12,.,., Ireland 12,,,,Ireland mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 Fassaroe, Bray, Co. Within the Country 17 01 07 Offsite in Ireland Greenstar Limited, W0053-03 Wicklow,...Ireland No R13 Weighed soil and stones other than those mentioned Fassaroe, Bray, Co. Within the Country 17 05 04 No 24.0 in 17 05 03 R13 Weighed Offsite in Ireland Greenstar Limited, W0053-03 Wicklow,.,Ireland soil and stones other than those mentioned 2220.4 in 17 05 03 Nurney, Co. Kildare,..., Ireland Within the Country 17 05 04 No R5 Weighed Offsite in Ireland Kingsbog, WP325/2008 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 Bord Na Mona PLC.W0201-Drehid Landfill.Drehid .Co. Within the Country 19 12 12 No 5565.94 11 Weighed Offsite in Ireland 03 Kildare,.,Ireland other wastes (including mixtures of materials) from mechanical treatment of Crag Avenue Clondalkin wastes other than those mentioned in 19 12 Greyhound Recycling & Industrial Estate Clondalkin Within the Country 19 12 12 No 152.42 11 Weighed Offsite in Ireland Recovery Limited, W0205-01 .Dublin 22.Ireland other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 Greenstar Holdings Knockharley, Navan, Co. Within the Country 19 12 12 No 10327.4 11 Weighed Offsite in Ireland Ltd,W0146-02 Meath,, ,Ireland other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 Fassaroe, Bray, Co.

Weighed

Offsite in Ireland Greenstar Limited, W0053-03 Wicklow, ,, Ireland

R13

Nο

59.46 11

Within the Country 19 12 12

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_													
ı										Haz Waste : Name and			
										Licence/Permit No of Next	11W	N	
				Quantity						Destination Facility Non Haz Waste: Name and	Haz Waste: Address of Next Destination Facility	Name and License / Permit No. and Address of Final Recoverer /	Actual Address of Final Destination
				(Tonnes per						Licence/Permit No of	Non Haz Waste: Address of	Disposer (HAZARDOUS WASTE	i.e. Final Recovery / Disposal Site
				Year)				Method Used		Recover/Disposer	Recover/Disposer	ONLY)	(HAZARDOUS WASTE ONLY)
						Waste							
		European Waste				Treatment			Location of				
	Transfer Destination	Code	Hazardous		Description of Waste	Operation	M/C/E	Method Used	Treatment			i J	
Ĭ					other wastes (including mixtures of								
					materials) from mechanical treatment of						Millennium Business		
					wastes other than those mentioned in 19 12						Park, Grange, Ballycoolin, Dubl		
1	Vithin the Country	19 12 12	No	17.14		R13	M	Weighed	Offsite in Ireland	Greenstar Limited,W0183-01	in 11,Ireland		
					other wastes (including mixtures of								
					materials) from mechanical treatment of wastes other than those mentioned in 19 12						Rathdrinagh, Beauparc, Nava		
,	Vithin the Country	10 12 12	No	1567.0		R13	М	Mojahod	Officito in Iroland	Panda Waste,W0140-04	n,Co. Meath,Ireland		
	vicini the Country	19 12 12	INU		other wastes (including mixtures of	nio	IVI	Weighed	Offsite in freiand	ranua waste, wo 140-04	n,co. Mean, reland		
					materials) from mechanical treatment of						Ballynagran,Coolbeg &		
					wastes other than those mentioned in 19 12					Greenstar Holdings	Kilcandra,Co.		
,	Vithin the Country	19 12 12	No	3048.8		D5	М	Weighed	Offsite in Ireland	Ltd.,W0165-02	Wicklow,Ireland		
											Fassaroe, Bray, Co.		
,	Vithin the Country	20 01 01	No	15.0	paper and cardboard	R13	M	Weighed	Offsite in Ireland	Greenstar Limited, W0053-03	Wicklow,.,Ireland		
										McGill Environmental			
										Systems (Ireland) Ltd,W0180			
1	Vithin the Country	20 01 08	No	22.66	biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	01	Co. Cork,.,Ireland		
											Killamaster,Co.		
1	Vithin the Country	20 01 08	No	1726.18	biodegradable kitchen and canteen waste	R3	М	Weighed	Offsite in Ireland	11/04 & WP 01/02	Carlow,,Ireland		
											Rosemount Business		
										Bailey Waste Recycling, WFP-	Park, Ballycoolin		
,	Vithin the Country	15 01 02	No	44.71	plastic packaging	R3	M	Weighed	Offsite in Ireland	FG-08-0002-01	16,Ireland		
	viaini aic oddiay	10 01 02	140	44.71	plastic packaging	110		Weighted	Onone in ireland	O'Toole	Ballintrane,Co.		
,	Vithin the Country	20 01 08	No	759.46	biodegradable kitchen and canteen waste	R3	М	Weighed	Offsite in Ireland	Composting,WP01/07	Carlow,,Ireland		
										, , , , , , , , , , , , , , , , , , ,	Fassaroe, Bray, Co.		
,	Vithin the Country	20 01 38	No	569.0	wood other than that mentioned in 20 01 37	R13	M	Weighed	Offsite in Ireland	Greenstar Limited,W0053-03	Wicklow,.,Ireland		
										C Green Plastic,WFP-WW-	The Murrough,Co.		
1	Vithin the Country	20 01 39	No	8.52	plastics	R3	M	Weighed	Offsite in Ireland	10-0019-01	Wicklow,.,,,Ireland		
											10 The Anchorage Business		
		00.04.40				5.4			0" "	Davis Recycling Ltd.,W0134-			
	Vithin the Country	20 01 40	No	696.0	metals	R4	М	Weighed	Offsite in Ireland	01 Enrich Environmental ,WMP	4,.,Ireland		
,	Vithin the Country	20 02 01	No	522 N	biodegradable waste	R3	М	Weighed	Offsite in Ireland		Kilcock,Co. Kildare,.,. ,Ireland		
	vitiliii the Country	20 02 01	INO	555.0	biodegradable waste	no	IVI	vveigneu	Offsite in freiding	2004/37	Fassaroe, Bray, Co.		
,	Vithin the Country	20 02 01	No	818.0	biodegradable waste	R13	М	Weighed	Offsite in Ireland	Greenstar Limited, W0053-03			
	Tham the country	20 02 01		0.0.0	Siddegradasio Madio			Troigilou	Choice in incland	Greenetar Emiliou, 11 0000 00	Millennium Business		
											Park, Grange, Ballycoolin, Dubl		
,	Vithin the Country	20 03 07	No	6994.57	bulky waste	R13	M	Weighed	Offsite in Ireland	Greenstar Limited,W0183-01	in 11,Ireland		
											Fassaroe,Bray,Co.		
'	Vithin the Country	20 03 07	No	14.98	bulky waste	R13	M	Weighed	Offsite in Ireland	Greenstar Limited,W0053-03			
		00.00.07		4707.04		D.5			0" "	Greenstar Holdings	Knockharley, Navan, Co.		
	Vithin the Country	20 03 07	No	1/6/.94	bulky waste	D5	М	Weighed	Offsite in Ireland	Ltd,W0146-02	Meath,, ,Ireland		
										Greyhound Recycling &	Crag Avenue, Clondalkin Industrial Estate, Clondalkin		
,	Vithin the Country	20 03 07	No	594 56	bulky waste	R13	М	Weighed	Offsite in Ireland		,Dublin 22,Ireland		
		20 00 0.		001.00	bany naoto			Troigilou	Choice in incland		Drehid Landfill, Drehid ,Co.		
,	Vithin the Country	20 03 07	No	812.68	bulky waste	D5	M	Weighed	Offsite in Ireland	03	Kildare,.,Ireland		
	•							-					
					batteries and accumulators included in 16							Returnbatt,W0192-03,Block	
					06 01, 16 06 02 or 16 06 03 and unsorted							402 Grant's Drive, Greenogue	
	Mishing short Co.	00.04.00	V		batteries and accumulators containing these	D4		Marine and	04-1-1	D-t		Business Park,Rathcoole,Co.	
	Vithin the Country	20 01 33	Yes	1.0	batteries	R4	М	Weighed	Offsite in Ireland	Returnbatt,W0192-03		Dublin,Ireland	Dublin,Ireland
٠,	Within the Country	20.01.09	No	27.0	biodegradable kitchen and canteen waste	R3	М	Mojahod	Officito in Iroland	Milltown Composting Systems,W0270-01	Miltownmore,Fethard,Co. Tipperary,.,Ireland		
	Vithin the Country	20 01 00	INU	27.0	biodegradable kitchen and canteell Waste	no	IVI	Weighed	Onsite in Ireland	Gystems, VVU2/0-01	ripperary,.,ireianu		