



ANNUAL ENVIRONMENTAL REPORT
FOR GREENSTAR LTD
GREENOGUE MATERIALS RECOVERY FACILITY
LICENCE NO. W0188-01
JANUARY 2011 – DECEMBER 2011

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Project	Annual Environmental Report 2011			
Client	Greenstar Ltd. W0188-01			
Report No	Date	Status	Prepared By	Reviewed By
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1. INTRODUCTION

This is the 2011 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 2011 to the 31st December 2011. 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. Cognisance was also taken of the AER Draft Guidance Document issued in January 2012².

¹ EPA (Environmental Protection Agency) 1999 Waste Licensing – Draft Guidance on Environmental Management Systems and Reporting to the Agency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

The site, which encompasses an area of 0.603 ha, is located within the Greenogue Industrial Estate, Rathcoole, Co Dublin. 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	60t/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 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 (35 mg/l) in the 1st Quarter, which 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.

The ammonia levels were slightly elevated during the reporting period and because of this Greenstar have reviewed the surface water drainage arrangements at the facility. A proposal for the diversion of a portion of the surface water infrastructure to the foul sewer was submitted to the Agency in December 2011 and approval was granted in March 2012 to carry out these works subject to the agreement of the South Dublin Council.

Table 3.1: Surface Water Monitoring Results 2011

Parameter	Units	Q1	Q2	Q3	Q4	Trigger Levels	Emission Limit
pH	pH units	8.30	8.06	8.15	8.12	N/A	N/A
Temperature	°C	10.9	11.6	12.2	15.1	N/A	N/A
Conductivity	mS/cm	0.839	0.820	0.649	0.734	N/A	N/A
Total Ammonia	mg/l	2.13	7.03	9.32	5.76	N/A	N/A
BOD	mg/l	35	21	24	19	25	N/A
COD	mg/l	65	40	59	76	N/A	N/A
Total Suspended Solids	mg/l	20	17	33	<10	35	N/A
Total Nitrogen	mg/l	2.0	6.0	13	5.4	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 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 2011

Parameter	Units	Feb	Apr	June	Aug	Oct	Dec	Emission Limit
pH	pH units	6.91	8.08	7.51	7.64	7.95	8.05	6 – 10
Temperature	°C	12.0	12.2	13.6	12.8	15.3	9.6	42
Sulphate	mg/l	<20	<0.05	20.80	173.62	7.23	4.19	1,000
BOD	mg/l	118	622	78	166	71	77	3,000
COD	mg/l	184	1,132	154	367	111	164	6,000
Total Suspended Solids	mg/l	114	179	505	51	<10	12	2,000
Oils, Fats & Greases	mg/l	2.6	3.67	<0.01	<0.01	<0.01	<0.01	100
Ammoniacal Nitrogen	mg/l	1.17	18.53	32.40	4.54	1.86	8.84	100
Detergents (as MBAS)	mg/l	<0.21	4.4	0.3	1.0	0.6	<0.2	100

3.3 Noise Survey

The annual noise survey was conducted on the 26th June 2011 at 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 2011

Station	Time	L _{Aeq 30} min dB	L _{AF10 30} min dB	L _{AF90 30} min dB	Specific level* dB	Noise audible
N1	1015- 1045	60	63	48	60	Mobile grab and loader variously audible around site and in building. Some screening provided by intervening trucks. No other noise audible, apart from intermittent truck movements through entrance, and aircraft.
N2	0942- 1012	66	68	56	66	Grab and loader alternatively audible around site and in building. Power washing at S boundary audible during plant lulls. Forklift truck and intermittent trucks audible moving around site. Aircraft and crows.
N3	0907- 0937	56	58	45	56	Emissions variously audible from grab and loader, alternating. Emissions screened by building. Truck movements onsite also audible at low level. Bird scarer device audible from 0927 for several minutes. No other emissions audible apart from aircraft and crows.
NSL1	1058- 1158	57	60	38	<38	Commercial noise sources slightly audible from commercial estates to S. Greenstar emissions not specifically discernible. Intermittent local traffic dominant when present. Distant traffic to S also audible. Bird song/calls, aircraft, lightly rustling vegetation, and occasional construction noise from premises 100 m N.

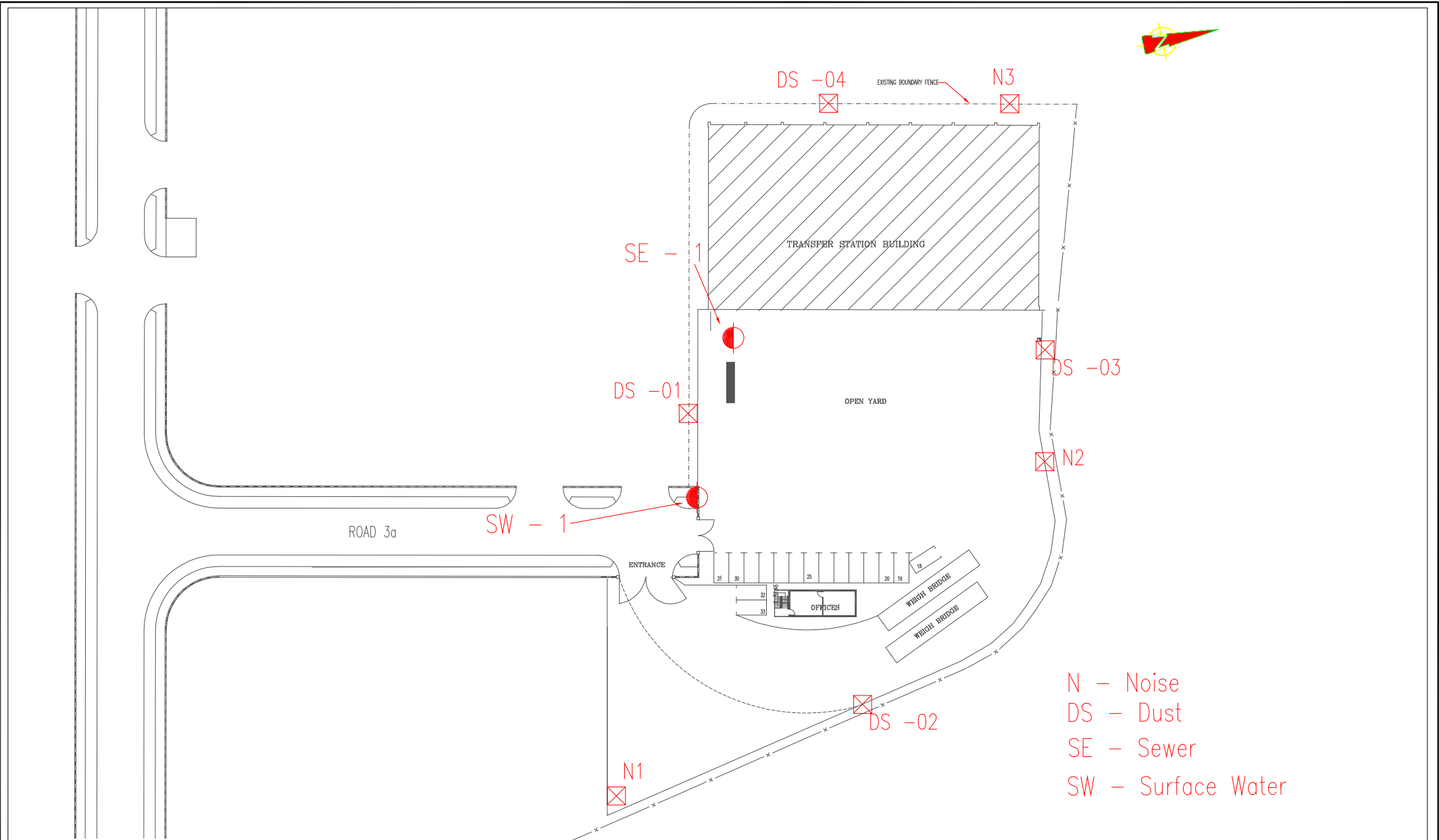
* Specific level: Sound pressure level contribution considered attributable to facility.

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 – May, June – July and July – August 2011. 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 mg/m²/day).

Table 3.4 Dust Monitoring Results 2011

	April – May mg/m²/day	June – July mg/m²/day	July – August mg/m²/day	Dust Deposition Limit mg/m²/day
DS-01	144.7	199	65.9	350
DS-02	159.7	55.3	317.8	350
DS-03	284	194	101.3	350
DS-04	150	37.2	44.5	350



N – Noise
 DS – Dust
 SE – Sewer
 SW – Surface Water



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CLIENT
GREENSTAR GREENOGUE

DRAWING No.
3.1

NOTES
Grid References:
 N1: E302169, N227977
 N2: E302316, N228041
 N3: E302318, N228122
 SW-1: E302213, N228058
 SE-1: E302231, N228101

DS-01: E302217, N228006
 DS-02: E302237, N227986
 DS-03: E302323, N228072
 DS-04: E302269, N228137

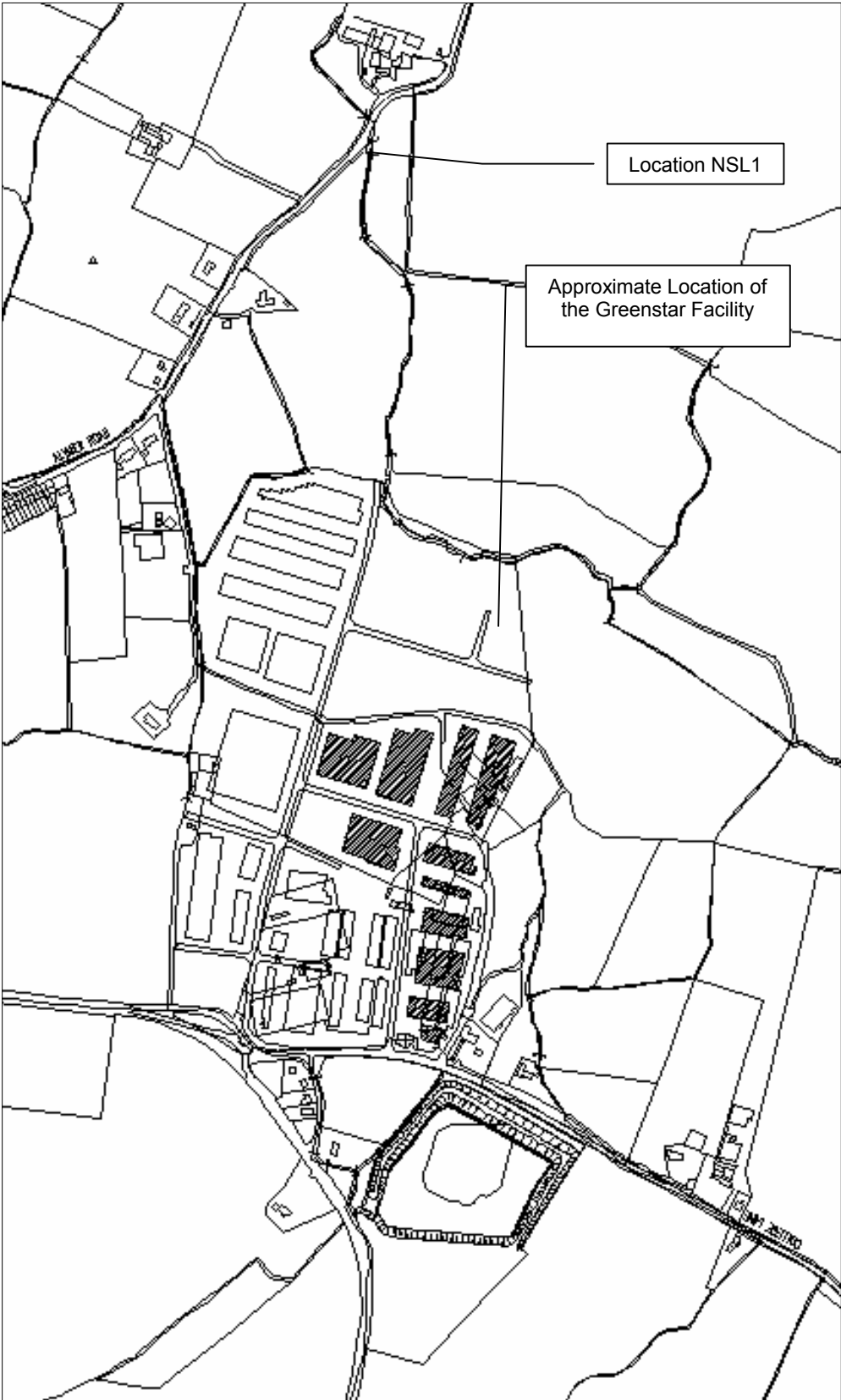
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TITLE
Monitoring Locations

SCALE
 NTS
 A3

REV.

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	7,951 litres
Truck Wash	300 litres
Engine Oil	55 litres
Electricity	65,000 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 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. A more detailed description of the wastes accepted and consigned is provided in the PRTR submission in Appendix 1.

The total quantity of waste received at the facility was 67,199 tonnes. The total waste consigned was 66,913.50 tonnes. The difference is due to waste remaining on site at the end of 2011, which will be consigned in 2012 (approximately 280 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.

Table 5.1 Waste Received & Consigned 2011

EWC	Description	Waste In	Waste Out
13 05 03	Interceptor sludge	20	40.00
15 01 01	Paper and cardboard	2,863.00	3854.88
15 01 02	Plastic Packaging	118.00	59.00
15 01 03	Wooden Packaging	297.00	1,805.00
15 01 04	Segregated metal packaging - steel cans	3.00	
15 01 05	Segregated tetrapacks	1.00	
15 01 06	Mixed Packaging	5,463.00	4,284.00
15 01 07	Segregated glass packaging (e.g. bottles, jars)	17.00	
16 01 03	Tyres	3.00	4.00
16 05 04*	Gas Cylinders		1.00
17 01 01	Concrete slabs		14.00
17 04 11	Cables from C&D waste not containing dangerous substances	1.00	
17 05 04	Soil & Stones	81.00	1,871.00
17 08 02	Plasterboard	190.00	118.00
17 09 04	C&D Inert Mixed	3,568.00	2535.36
19 09 02	Filter cake	1,910.00	1858
19 12 12	Mixed municipal waste (Lights)	2.00	28641.26
20 01 01	Paper and cardboard	35.00	41.00
20 01 02	Glass from municipal sources	2.00	
20 01 08	Biodegradable kitchen and canteen waste	9,372.00	8,192.00
20 01 38	wood	1,523.00	337.00
20 01 39	Plastics	12.00	1.00
20 01 40	Metal	411	576.00
20 02 01	Green Waste	985.00	980.00
20 03 07	Bulky waste	12,470.00	11,700.00
20 01 33*	Hazardous Batteries		1.00
20 03 01	Mixed residual waste	27,756.00	
20 03 01	Mixed dry recyclables	96.00	
Total Received		67,199	
Total Consigned			66,913.50

Table 5.2 Waste Received & Consigned in 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

Table 5.3 Previous Waste Consignments

Description	2010	2009	2008	2007	2006	2005	2004
Total Received	50,563.40	52,472.47	68,661.96	63,481.24	51,767.97	1,540.48	461.27
Total Consigned	49,686.56	52,051.49	66,758.24	60,776.28	51,175.53	1,400.66	411.80

6. ENVIRONMENTAL INCIDENTS AND COMPLAINTS

6.1 Incidents

There was one reportable incident on site in 2011. The incident related to the exceedance of the BOD ELV for the surface water discharge from the site in Q-1 2011. An incident report was submitted to the Agency in Q-1 2011.

6.2 Register of Complaints

Greenstar maintains a register of complaints received in accordance with Condition 10.4 of the waste licence. Two complaints were received in relation to odour and were addressed at the time by facility management. In response to the complaints an odour suppression system was installed in the transfer station building and has been working well since with no complaints received thereafter.

7. ENVIRONMENTAL DEVELOPMENT

7.1 Environmental Management Programme Report

Greenstar have implemented an Integrated Management System (IMS) in accordance with the requirements of Occupational Health and Safety Assessment Series (OHSAS) 18001:2007 and International Standard Organisation (ISO) 14001:2004 in order to manage the Health, Safety and Environmental performance of their business and to control health and safety risk and to minimise their environmental aspects and impacts.

The IMS has been developed for the achievement of continual improvement taking into the requirements of the Waste Licence Conditions. Greenstar has prepared and effectively implement documented procedures and instructions in accordance with the requirements of both the OHSAS 18001:2007 and ISO 14001:2004.

As part of this IMS Greenstar has developed a list of environmental, management, operating and maintenance procedures, details of which are outlined in Appendix 2.

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.

7.1.1 Site Management Structure

Management and Staffing structure: -

Name: James Sowray

Responsibility: Operations Manager; overall responsibility for the day to day site operations of the site including environmental compliance

Experience: 11 years working in operations management; has completed the FAS Management Course

Name: Jonathon O'Keeffe (Nominated Deputy)

Responsibility: Dispatch Manager

Experience: 9 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 2011 –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 Awareness Training scheduled to be carried out in 2012 as part of ISO 14001 requirements.

Objective 2 – Energy & Resource Consumption

Resource consumption is reviewed and discussed quarterly as part of ISO 14001 and corporate objectives.

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

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 in 2011.

Objective 6 – Traffic Management

Signage at the facility was improved in 2011 to assist traffic movements. Weighbridge barriers controlling in and out movements were erected in January 2011.

Table 7.1 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	Complete
2	Energy & Resource Consumption	Summarise energy and resource usage on a quarterly basis with a view to reducing consumption	Site Management	Complete
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	Complete
4	Pollution Prevention	Strive to ensure that monitoring results comply with the licence limits and investigate any exceedances of emission limit values.	Site Management	Complete
5	ISO Certification	Continue to maintain ISO 14001 certification.	Site Management	Complete
6	Traffic Management	Continue to improve on traffic management within the facility.	Site Management	Complete

7.2.2 *Schedule of Objectives 2012 – Proposal*

The schedule of targets and objectives for 2012 are presented in Table 7.2.

Table 7.2 Schedule of Objective and Targets 2012

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-Q4 2012
2	Energy & Resource Consumption	Summarise energy and resource usage on a quarterly basis with a view to reducing consumption	Site Management	Q1-Q4 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-Q4 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-Q4 2012
5	Surface water drainage	Divert section of yard run off to foul water system, in order to improve surface water discharge quality	Site Management	Q2 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 during this reporting period in keeping the numbers of birds at the site to a minimum.

Greenstar has installed an odour suppression system following two complaints in relation to odour received in 2011 and the system has been working efficiently since installed.

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 67,199 tonnes of waste accepted approximately 73% was sent for recovery.

7.6 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”.

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 20 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 1.

8. OTHER REPORTS

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

APPENDIX 1

European Pollutant Release and Transfer Register



Environmental Protection Agency

| PRTR# : W0188 | Facility Name : Greenstar Ltd (Greenogue) | Filename : W0188_2011.xls | Return Year : 2011 |

Guidance to completing the PRTR workbook

AER Returns Workbook

Version 1.1.13

REFERENCE YEAR	2011
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1. FACILITY IDENTIFICATION

Parent Company Name	Greenstar Limited
Facility Name	Greenstar Ltd (Greenogue)
PRTR Identification Number	W0188
Licence Number	W0188-01

Waste or IPPC Classes of Activity

No.	class_name
4.2	Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).
3.11	Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this Schedule.
3.12	Repackaging prior to submission to any activity referred to in a 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.
4.12	Exchange of waste for submission to any activity referred to in a preceding paragraph of this Schedule.
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.
4.3	Recycling or reclamation of metals and metal compounds.
4.4	Recycling or reclamation of other inorganic materials.
Address 1	14B Phase 3
Address 2	Road 3A
Address 3	Greenogue Industrial Estate
Address 4	Rathcoole, Co Dublin
	Dublin
Country	Ireland
Coordinates of Location	-6.46619 53.2936
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	0860433983
AER Returns Contact Fax Number	01-2947900
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](#)

| PRTR# : W0188 | Facility Name : Greenstar Ltd (Greenogue) | Filename : W0188_2011.xls | Return Year : 2011 |

26/03/2012 12:04

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

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

POLLUTANT		RELEASERS TO AIR			Please enter all quantities in this section in KGs			
No. Annex II	Name	M/C/E	METHOD		Emission Point 1	QUANTITY		
			Method Code	Designation or Description		T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) 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 C : REMAINING POLLUTANT EMISSIONS (As required in your Licence)

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

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 (Greenogue)

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](#)

| PRTR# : W0188 | Facility Name : Greenstar Ltd (Greenogue) | Filename : W0188_2011.xls | Return Year : 2011 |

26/03/2012 12:04

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		M/C/E	Method Used		QUANTITY			
No. Annex II	Name		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		M/C/E	Method Used		QUANTITY			
No. Annex II	Name		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		M/C/E	Method Used		QUANTITY			
Pollutant No.	Name		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 Ltd (Greenogue) | Filename : W0188_2011.xls | Return

26/03/2012 12:04

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			
No. Annex II	Name	M/C/E	Method Code	Method Used 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			
Pollutant No.	Name	M/C/E	Method Code	Method Used Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
238	Ammonia (as N)	E	PER	Based on an estimate of water used in the wheel wash. Analysis is ISO accredited		22.5	22.5	0.0
303	BOD	E	PER	Based on an estimate of water used in the wheel wash. Analysis is ISO accredited		377.0	377.0	0.0
306	COD	E	PER	Based on an estimate of water used in the wheel wash. Analysis is ISO accredited		704.0	704.0	0.0
308	Detergents (as MBAS)	E	PER	Based on an estimate of water used in the wheel wash. Analysis is ISO accredited		3.15	3.15	0.0
314	Fats, Oils and Greases	E	PER	Based on an estimate of water used in the wheel wash. Analysis is ISO accredited		6.27	6.27	0.0
343	Sulphate	E	PER	Based on an estimate of water used in the wheel wash. Analysis is ISO accredited		102.9	102.9	0.0
240	Suspended Solids	E	PER	Based on an estimate of water used in the wheel wash. Analysis is ISO accredited		344.4	344.4	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](#)

| PRTR# : W0188 | Facility Name : Greenstar Ltd (Greenogue) | Filename : W0188_2011.xls | Return Year : 2011 |

26/03/2012 12:04

SECTION A : PRTR POLLUTANTS

POLLUTANT		RELEASERS TO LAND			Please enter all quantities in this section in KGs		
POLLUTANT		METHOD			QUANTITY		
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)

POLLUTANT		RELEASERS TO LAND			Please enter all quantities in this section in KGs		
POLLUTANT		METHOD			QUANTITY		
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

| PRT# : W0188 | Facility Name : Greenstar Ltd (Greenogue) | Filename : W0188_2011.xls | Return Year : 2011 |

26/03/2012 12:04

Please enter all quantities on this sheet in Tonnes

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: Address of Next Destination Facility	Name and Licence / Permit No. and Address of Final Recycler / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination (i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY))
						M/C/E	Method Used		Haz Waste: Name and Licence/Permit No of Recover/Disposer	Non Haz Waste: Address of Recover/Disposer			
Within the Country	15 01 01	No	146.04	paper and cardboard packaging	R13	M	Weighed	Offsite in Ireland	Rebox Recycling, CP D95/1 Bailey Waste Recycling (Greenstar Ltd), WPT-FG-08-0002-01		Unit 2B Kylemore Industrial Estate, Killen Road, Ballyfermot, Dublin 10, Ireland		
Within the Country	15 01 01	No	44.58	paper and cardboard packaging	R13	M	Weighed	Offsite in Ireland			Rosemount, Ballycoolin, Dublin 11, Ireland		
Within the Country	15 01 01	No	3664.26	paper and cardboard packaging	R13	M	Weighed	Offsite in Ireland	Greenstar Ltd, W0053-03		Bray Depot, Fassaroe, Bray, Co Wicklow, Ireland		
Within the Country	15 01 02	No	8.0	plastic packaging	R13	M	Weighed	Offsite in Ireland	C Green Plastic, WFP-WW-10-0019-01		The Murrough, Co. Wicklow, Ireland		
Within the Country	15 01 02	No	51.0	plastic packaging	R13	M	Weighed	Offsite in Ireland	Bailey Waste Recycling (Greenstar Ltd), WPT-FG-08-0002-01		Rosemount, Ballycoolin, Dublin 11, Ireland		
Within the Country	15 01 03	No	56.0	wooden packaging	R3	M	Weighed	Offsite in Ireland	Max Pallet Services Ltd, Licence - exempt		Johnston Bridge, Enfield, Co Meath, Ireland		
Within the Country	15 01 03	No	12.0	wooden packaging	R13	M	Weighed	Offsite in Ireland	Greenstar Holdings Ltd, W0183-01		Millennium Park, Ballycoolin, Dublin 11, Ireland		
Within the Country	15 01 03	No	1737.0	wooden packaging	R13	M	Weighed	Offsite in Ireland	Greenstar Ltd, W0053-03		Bray Depot, Fassaroe, Bray, Co. Wicklow, Ireland		
Within the Country	15 01 06	No	4284.0	mixed packaging	R13	M	Weighed	Offsite in Ireland	Greenstar Ltd, W0053-03		Wicklow, Ireland		
Within the Country	16 01 03	No	4.0	end-of-life tyres	R5	M	Weighed	Offsite in Ireland	Multi Metals Recycling Ltd, WFP-WW-09-0014-01		Blessington, Co Wicklow, Ireland		
Within the Country	16 05 04	Yes	1.0	halons) containing dangerous substances	R4	M	Weighed	Offsite in Ireland	Calor Gas, Not Required		Long Mile Road, Dublin 12, Ireland		
Within the Country	17 01 01	No	14.0	concrete	R5	M	Weighed	Offsite in Ireland	Marrakesh Landfill, W0048-01		Kimuray South, Bray, Co Wicklow, Ireland		
Within the Country	17 05 04	No	937.0	soil and stones other than those mentioned in 17 05 03	R5	M	Weighed	Offsite in Ireland	Kingsbog, WP325/2008		Nurney, Co. Kildare, Ireland		
Within the Country	17 05 04	No	934.0	soil and stones other than those mentioned in 17 05 03	R5	M	Weighed	Offsite in Ireland	Kilbracken, COR-LS-09-001-01		Kilbracken, Fisherstown, County Laois, Ireland		
Within the Country	17 08 02	No	118.0	gypsum-based construction materials other than those mentioned in 17 08 01	R5	M	Weighed	Offsite in Ireland	Gypsum Recycling Ireland at Nurendale Ltd (t/a Panda Waste), W0140-02		Beauparc, Navan, Ireland		
Within the Country	17 09 04	No	1921.0	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R5	M	Weighed	Offsite in Ireland	Freenstar Ltd, W0053-03		Bray Depot, Fassaroe, Bray, Co. Wicklow, Ireland		
Within the Country	17 09 04	No	32.18	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R5	M	Weighed	Offsite in Ireland	Greenstar Holdings Ltd, W0165-02		Ballynagrán, Coolbeg & Kicandra, Co. Wicklow, Ireland		
Within the Country	17 09 04	No	321.88	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R5	M	Weighed	Offsite in Ireland	KTK Landfill, W0081-04		Brownstown, Kilkullen, Co Kildare, Ireland		
Within the Country	17 09 04	No	260.3	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R5	M	Weighed	Offsite in Ireland	Kilbracken, COR-LS-09-001-01		Kilbracken, Fisherstown, County Laois, Ireland		
Within the Country	19 09 02	No	1858.0	sludges from water clarification	D5	M	Weighed	Offsite in Ireland	Greenstar Holdings Ltd, W0165-02		Ballynagrán, Coolbeg & Kicandra, Co. Wicklow, Ireland		
Within the Country	19 12 12	No	1244.16	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R13	M	Weighed	Offsite in Ireland	Greenstar Ltd, W0053-03		Bray Depot, Fassaroe, Bray, Co. Wicklow, Ireland		

Within the Country	19 12 12	No	5352.88 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	D5	M	Weighed	Offsite in Ireland	Greenstar Holdings Ltd.,W0165-02	Ballynagran,Coolbeg & Kildandra,Co. Wicklow,.,Ireland
Within the Country	19 12 12	No	2655.84 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	D5	M	Weighed	Offsite in Ireland	Greenstar Ltd ,W0146-01	Knockharley Landfill ,Kentsdown ,Co Meath ,.,Ireland
Within the Country	19 12 12	No	9541.64 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	D5	M	Weighed	Offsite in Ireland	KTK Landfill ,W0081-04	Brownstown ,Kilcullen ,Co Kildare ,.,Ireland
Within the Country	19 12 12	No	652.38 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R13	M	Weighed	Offsite in Ireland	Greyhound Recycling & Recovery Limited,W0205-01	Crag Avenue,Clondakin Industrial Estate,Clondakin ,Dublin 22,Ireland
Within the Country	19 12 12	No	9093.36 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	D5	M	Weighed	Offsite in Ireland	Bord Na Mona PLC,W0201-03	Drehid Landfill,Drehid ,Co. Kildare,.,Ireland
Within the Country	19 12 12	No	101.0 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R13	M	Weighed	Offsite in Ireland	Greenstar Holdings Ltd,W0183-01	Millennium Park,Ballycoolin, Dublin 11,.,Ireland
Within the Country	20 01 01	No	41.0 paper and cardboard	R3	M	Weighed	Offsite in Ireland	Greenstar Ltd,W0053-03	Bray Depot, Fassaroo,Bray,Co. Wicklow,Ireland
Within the Country	20 01 08	No	275.0 biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	Acorn Recycling ,W0249-01	Littleton ,Co Tipperary ,.,Ireland
Within the Country	20 01 08	No	3555.0 biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	Waddock Composting,WP 11/04	Kilamaster,Co. Carlow,.,Ireland
Within the Country	20 01 08	No	765.0 biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	Thorntons Waste Disposal ,W0195-01	Kimainhamwood ,Kells ,Co Meath ,.,Ireland
Within the Country	20 01 08	No	3597.0 biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	O'Toole Composting,WP01/07	Ballinrane,Co. Carlow,.,Ireland
Within the Country	20 01 38	No	337.0 wood other than that mentioned in 20 01 37	R3	M	Weighed	Offsite in Ireland	Greenstar Ltd,W0053-03	Bray Depot, Fassaroo,Bray,Co. Wicklow,Ireland
Within the Country	20 01 39	No	1.0 plastics	R3	M	Weighed	Offsite in Ireland	Bailey Waste Recycling (Greenstar Ltd),WPT-FG-08-0002-01	Rosemount,.,Ballycoolin,Dublin 11,Ireland
Within the Country	20 01 40	No	21.0 metals	R4	M	Weighed	Offsite in Ireland	Multi Metals ,WFP-WW-09-0014-01	Blessington ,Co Wicklow ,.,Ireland
Within the Country	20 01 40	No	555.0 metals	R4	M	Weighed	Offsite in Ireland	Davis Recycling Ltd.,W0134-01	10 The Anchorage Business Park,Charlotte Quay,Dublin 4,.,Ireland
Within the Country	20 02 01	No	980.0 biodegradable waste	R3	M	Weighed	Offsite in Ireland	Enrich Environmental ,WMP 2004/57	Kilcock,Co. Kildare,.,Ireland
Within the Country	20 03 07	No	8180.0 bulky waste	R13	M	Weighed	Offsite in Ireland	Greenstar Holdings Ltd,W0183-01	Millennium Park,Ballycoolin, Dublin 11,.,Ireland
Within the Country	20 03 07	No	789.0 bulky waste	R13	M	Weighed	Offsite in Ireland	Greenstar Ltd,W0053-03	Bray Depot, Fassaroo,Bray,Co. Wicklow,Ireland
Within the Country	20 03 07	No	18.0 bulky waste	R13	M	Weighed	Offsite in Ireland	Thorntons Waste Disposal ,W0195-01	Kimainhamwood ,Kells ,Co Meath ,.,Ireland
Within the Country	20 03 07	No	2713.0 bulky waste	R13	M	Weighed	Offsite in Ireland	Greyhound Recycling & Recovery Limited,W0205-01	Crag Avenue,Clondakin Industrial Estate,Clondakin ,Dublin 22,Ireland
Within the Country	13 05 03	Yes	40.0 interceptor sludges batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these	R13	M	Weighed	Offsite in Ireland	Horizon Environmental ,CPD 277-2,Unit 26 Collinstown Cross Industrial Estate,Old Airport Road,Cloghran,Co. Dublin,Ireland	Horizon Environmental ,CPD 277-2,Unit 26 Collinstown Cross Industrial Estate,Old Airport Road,Cloghran,Co. Dublin,Ireland
Within the Country	20 01 33	Yes	1.0 batteries	R13	M	Weighed	Offsite in Ireland	Rita Environmental Ltd ,W0192-03,Greenogue Business Park ,Rathcoole ,Co Dublin ,.,Ireland	Rita Environmental Ltd ,W0192-03,Greenogue Business Park ,Rathcoole ,Co Dublin ,.,Ireland

APPENDIX 2

Procedures List



Doc. No.: Control	Revision No.: As Shown	Issue Date: As Shown
Approved By:	Malcolm Dowling – Group Environmental Manager Oliver Callan – Group H&S Manager	Page 1 of 4

Integrated Procedures - IP

IP-01	Document & Record Control Procedure	Rev 01, 05/07/10
IP-02	Health & Safety Risk Assessment Procedure	Rev 01, 05/07/10
IP-03	Environmental Aspects & Impacts Procedure	Rev 01, 05/07/10
IP-04	Legal & Regulatory Requirements Procedure	Rev 02, 05/11/10
IP-05	Objectives, Targets & Management Programmes Procedure	Rev 01, 05/07/10
IP-06	Competence, Training & Awareness Procedure	Rev 01, 05/07/10
IP-07	Communication & Consultation Procedure	Rev 01, 05/07/10
IP-08	Monitoring, Measurement & Improvement Procedure	Rev 01, 05/07/10
IP-09	Evaluation of Compliance Procedure	Rev 02, 15/09/11
IP-10	Non Conformances, Corrective/Preventive Actions Procedure	Rev 03, 01/02/11
IP-11	Internal Audit Procedure	Rev 02, 07/06/11
IP-12	Management Review Procedure	Rev 01, 05/07/10
IP-13	Control of Contractors/Visitors Procedure	Rev 02, 29/10/10
IP-14	Health & Safety & Environmental Monitoring	Rev 02, 29/10/10
IP-15	Emergency Preparedness & Response Procedure	Rev 02, 01/02/11

Safety Procedures - SP

SP-01	Permit to Work Procedure	Rev 01, 05/07/10
SP-02	Maintenance & Calibration Procedure	Rev 03, 04/04/11
SP-03	Mobile Plant Procedure	Rev 01, 05/07/10
SP-04	Fork Truck Procedure	Rev 01, 05/07/10
SP-05	Operation of Fixed Plant Procedure	Rev 01, 05/07/10
SP-06	Lock Out / Tag Out Procedure	Rev 01, 05/07/10
SP-07	Health & Safety Notification Procedure	Rev 01, 05/07/10
SP-08	Motor Claim Notification Procedure	Rev 01, 01/02/11
SP-09	MSW Shredder routine Maintenance & Clearing of Blockages Procedure (SCGT)	Rev 01, 01/12/11
SP-10	Weighbridge & Tipping Procedure (SCGT)	Rev 01, 01/12/11



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Approved By:	Malcolm Dowling – <i>Group Environmental Manager</i> Oliver Callan – <i>Group H&S Manager</i>	Page 2 of 4

Environmental Procedures - EP		
EP-01	Office Waste & Energy Management Procedure	Rev 01, 05/07/10
EP-02	Decommissioning and Aftercare Procedure	Rev 02, 14/09/11
EP-03	Environment Communications Procedure	Rev 02, 13/09/10
EP-04	Waste Permits & Licences Procedure	Rev 01, 05/07/10
EP-05	Waste Acceptance Procedure	Rev 01, 05/07/10
EP-06	Unacceptable Waste Procedure	Rev 01, 05/07/10
EP-07	Waste & Material Storage Procedure	Rev 01, 05/07/10
EP-08	Waste Processing Procedure	Rev 01, 05/07/10
EP-09	Site Infrastructure Procedure	Rev 01, 05/07/10
EP-10	Nuisance Management Procedure (Site Specific)	(Site Specific)
EP-11	Civic Amenity Site Procedure	Rev 01, 05/07/10



Doc. No.: Control	Revision No.: As Shown	Issue Date: As Shown
Approved By:	Malcolm Dowling – Group Environmental Manager Oliver Callan – Group H&S Manager	Page 3 of 4

Amendment History

Date	Amendment No.	Procedure No:	Revision No:	Comment	Authorised By
05.07.10	01	All	01	Initial Issue	M.D & O.C
13.09.10	02	EP-03	02	Issue of Incident Reports	M.D
20.09.10	03	IP-10	02	Env issues not logged on WIMS Database	M.D
29.10.10	04	IP-13	02	Use of M&M equipment by contractors	M.D & O.C
29.10.10	05	IP-14	02	Use of M&M equipment by contractors	M.D & O.C
29.10.10	06	SP-02	02	Inclusion of Maintenance Schedule	M.D & O.C
05.11.10	07	IP-04	02	Inclusion of other requirements	S.B & O.C
01.02.11	08	SP-08	01	Inclusion of new procedure	O.C
01.02.11	09	IP-10	03	Inclusion of SP-08	O.C
01.02.11	10	IP-15	02	Removal of SF-022	O.C
01.02.11	11	Contents	As shown	EP-10 Site Specific	M.D & O.C
01.02.11	12	Circ List	02	Amendment to document control	M.D & O.C
04.04.11	13	SP-02	03	Inclusion of Site Specific Maintenance schedules	O.C
07.06.11	14	IP-11	02	Inclusion of H&S & Env Internal Audit Schedules	M.D & O.C
14/09/11	15	EP-02	02	Inclusion of decommissioning of plant/equipment	S.B
15/09/11	16	IP-09	02	Inclusion of Statutory Inspections	O.C
01/12/11	17	SP-09	01	Inclusion of new procedure for SCGT	O.C
01/12/11	18	SP-10	01	Inclusion of new procedure for SCGT	O.C