Starrus Eco Holdings Ltd.

Annual Environmental Report (AER) 201) Millennium MRF, Ballycoolin, Dublin 11 Licence: W0183-01

March 201*



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TABLE OF CONTENTS

SECTION 1INTRODUCTION	1
SECTION 2SITE DESCRIPTION	2
SECTION 3EMISSIONS MONITORING	4
SECTION 4SITE DEVELOPMENT WORKS	8
SECTION 5WASTE RECEIVED AND CONSIGNED FROM THE FACILITY	9
SECTION 6ENVIRONMENTAL INCIDENTS AND COMPLAINTS	14
SECTION 7ENVIRONMENTAL DEVELOPMENT	15
SECTION 80THER REPORTS	20
LIST OF TABLES	
Table 1 Waste Acceptance Categories & Quantities at Millennium Park	2
Table 2 Existing Onsite Plant and Machinery	
Table 3 Emission Monitoring and Reporting Frequencies	4
Table 4 SE-1 Wastewater Monitoring Results 2017	5
Table 5 Noise Monitoring Results 2017	6
Table 6 Dust Monitoring Results August 2017	7
Table 7 Dust Monitoring Results September 2017	
Table 8 Dust Monitoring Results December 2017	7
Table 9 Estimates of Resources used on site – 2016 & 2017	8
Table 10 Waste Received & Consigned 2017	9
Table 11 Waste Received & Consigned 2016	11
Table 12 Waste Received & Consigned 2004 - 2017	13
Table 13 Progression of 2017 Objectives and Targets	
Table 14 Objectives and Targets for 2018	18

LIST OF APPENDICES

Appendix 1: Sampling Locations

Appendix 2: IMS

Appendix 3: European Pollutant Release and Transfer Register



Section 1 Introduction

1.1 Reporting Period

This is the 2017 Annual Environmental Report (AER) for the Starrus Eco Holdings Ltd (SEHL), Material Recovery Facility (MRF) at Millennium Business Park, Ballycoolin, Dublin 11. It covers the period from 1 January 2017 to 31 December 2017.

1.2 IED Licence

The Environmental Protection Agency (EPA) transferred Licence No. W0183-01 to Starrus Eco Holdings Limited for its facility at Millennium Business Park, Grange, Ballycoolin, Co. Dublin on March 2014.

On 16 December 2015, the Licence was amended by the EPA and deemed to be an industrial emissions Licence (IED) granted under Part IV of the Environmental Protection Act 1992 as amended.

This report is prepared in accordance of condition 10.9 of the Licence, which requires and Annual Environmental Report (AER) for the facility to be submitted to the EPA.



Section 2 Site Description

2.1 Site Location

SEHL operate a MRF at the Millennium Business Park, Ballycoolin, Dublin 11. The facility is situated in West Dublin, approximately 5km north-west of Finglas. The surrounding area is characterised mainly by industrial and commercial land use.

2.2 Licenced Waste Activities

The facility is in operation since July 2006. It is currently licensed to accept and process 220,000 tonnes. All waste processing takes place inside the waste transfer building, as specified in Condition 4.1 of the Licence. The Agency has granted approval for the outdoor storage of wrapped bales of Solid Recovered Fuel (SRF).

2.2.1 Waste Types

The licensed waste types and quantities under Schedule A of the Licence are:

Table 1 Waste Acceptance Categories & Quantities at Millennium Park

Waste Type	Maximum (tonnes per annum) Phase I	Maximum (tonnes per annum) Phase II
Municipal	65,000	100,000
Commercial & Industrial	70,000	90,000
Construction & Demolition Waste	24,000	30,000
Total	159,000	220,000

No hazardous wastes or liquid wastes are accepted at the facility.

2.2.2 Waste Processing

The main processes carried out at the facility are:

Commercial & Industrial (C&I) Waste

Commercial and Industrial waste is delivered to the facility by skip vehicles. This waste is off loaded in dedicated bays inside the MRF building. Upon tipping, the waste is inspected for contamination and unsuitable materials; these are removed immediately into a quarantine area.

The C&I waste is initially sorted using a mechanical grab to remove large items such as timber, metal and oversized light materials, which are removed to other storage areas in the building. The recovered materials are sent to offsite facilities via articulated vehicles for recycling or recovery.

Construction & Demolition Waste (C&D)

C&D waste is tipped inside the MRF building in specific bays. Upon tipping, the waste is inspected for contamination and unsuitable materials; these are removed immediately into a quarantine area.

The C&D waste is initially sorted using a mechanical grab to remove large items such as timber, metal and large oversized rubble, which are removed to other storage areas in the building. The



recovered materials are sent to offsite facilities for recycling or recovery via articulated tipper vehicles. These have recently been removed and at present the site operates solely as a transfer station.

Mixed Solid Waste (MSW)

Mixed solid waste (MSW) is delivered to the facility by refuse collection vehicles. The MSW is tipped in dedicated bays inside the MRF building. The waste, upon tipping, is inspected for contamination and unsuitable materials. If any are found they are removed to the quarantine area.

Any large items or unsuitable materials are removed using the mechanical grab. The recovered materials are sent to offsite facilities via articulated vehicles for recovery.

In August 2014 an SEW was submitted and approved by the Agency. This allowed for the removal of the C&I and C&D processing lines and replacement of the two processing lines with specialist baling and shredding equipment for dry recyclables. These were recently removed and at present the site operates solely as a transfer station.

2.2.3 Plant and Machinery List

A list of the plant and machinery in use at the facility is presented in Table 2. The plant provides 100% duty capacity and 50% standby capacity for waste processing.

Table 2 Existing Onsite Plant and Machinery

No.	Plant	Model	Operational Capacity (tonnes per day)
2	Grab Handlers	Liebherr	400
1	Loading Shovel	Volvo	8640
1	Excavator	Kobelco	500
1	Excavator	Case	250
1	Mitsubishi Forktruck	Forktruck	-



Section 3 Emissions Monitoring

The monitoring required for the facility includes surface water, wastewater, dust and noise. All environmental emissions monitoring is carried out at the intervals and frequency specified in schedule D of the Licence, while reports presenting the results of this monitoring are also submitted to the Agency at various frequencies, in accordance with Schedule E of the Licence (Table 3).

Table 3 Emission Monitoring and Reporting Frequencies

Medium	Monitoring Frequency	Reporting Frequency
Surface Water	Quarterly	Quarterly
Wastewater	Every two months	Quarterly
Dust	Three times a year	Three times a year
Noise	Annually	Annually

Monitoring locations are shown on Drawing 001 in Appendix 1. An overview of the results of monitoring carried out at the facility in 2017 is presented in this Chapter.

3.1 Surface Water Monitoring

Following agreement with the Agency, surface water sampling was not carried out at the facility in 2017. This was due to ongoing issues with the Millennium Business Park storm water system, which was resulting in back flowing of storm water into the SEHL system.

3.2 Waste Water Monitoring

The wastewater discharge comes from vehicle washing, drainage from the materials recovery shed and yard area where waste processing and handling take place. It flows to a silt trap and oil interceptor before entering the municipal sewer system.

3.2.1 Monitoring Locations

Bi-monthly sewer monitoring was carried out at the monitoring point SE-1, as shown on Drawing 001.

3.2.2 Monitoring Parameters

Monitoring and analysis was carried out for the parameters listed in Schedule D of the Licence.

The full wastewater laboratory analysis was carried out by ALS laboratories.

3.2.3 Monitoring Results

The results for 2017 are presented in Table 4. ELVs set out in the Licence are also included in Table 4.



Table 4 SE-1 Wastewater Monitoring Results 2017

Parameter	Units	Feb-17	Apr-17	Jun-17	Aug-17	Oct-17	Dec-17	Emission
рН	pH units	7.7	7.2	6.46	7.4	7.1	7.3	6 -10
BOD	mg/l	76	57	311	22	53	25	6,000
COD	°C	637	513	622	186	389	112	12,000
Total Suspended Solids	mg/l	1,520	692	718	146	219	152	2,500
Fats, Oils and Greases	mg/l	8.89	29.9	40.6	36.5	34.1	7.62	100
Temperature	°C	10.2	10.1	11.8	10.6	9.9	8.9	42
Sulphates	mg/l	21.3	48.2	15.57	38.2	35.7	86.4	1,000
Ammoniacal Nitrogen	mg/l	65.6	6.97	12	1.52	1.25	0.68	100
Detergents	mg/l	0.24	0.54	0.35	<0.21	0.57	<0.21	100
Phosphates as	mg/l	5.9	3.1	30.3	0.8	0.9	<0.6	100

N/A = None Available

3.2.4 Interpretation of Results

All levels detected in the reporting period were within the ELVs.

3.3 Noise Monitoring

Damian Brosnan Acoustics undertook annual noise monitoring on 5 July 2018. The monitoring was undertaken to measure and assess noise levels in accordance with Schedule D3 of the Licence. The measurements recorded have been used to determine compliance with the noise emission limits specified in Schedule C1 of the Licence. The noise emission limit specified in the Licence only applies to noise sensitive locations, with levels recorded at boundary locations not required to meet this limit.

Condition 6.5 of the Licence states that "There shall be no clearly audible tonal component or impulsive component in the noise emissions from the activity at the noise sensitive locations."

Night-time monitoring was not carried out as the site is not operational during night-time hours and does not generate noise emissions during these hours.



3.3.1 Monitoring Locations

Daytime noise monitoring was undertaken at the four locations presented on Drawing 001. The monitoring locations include three onsite locations (N-1, N-2 and N-3) and one off-site noise sensitive location (NSL-1) as set out in Schedule D of the Licence.

3.3.2 Monitoring Results

Results of the noise monitoring carried out are summarised in Table 5.

Table 5 Noise Monitoring Results 2017

		Daytime			
Location	Sample Time	L _{Aeq, 30} min (dB)	L _{A10, 30 min} (dB)	L _{A90, 30 min} (dB)	Specific L _{A90, 30 min} (dB)
N1	05/07/2018 15:00 – 15:30	50	50	43	<50
N2	05/07/2018 13:43 – 14:13	58	58	49	58
N3	05/07/2018 14:22 – 14:52	68	70	64	65
NSL1	05/07/2018 11:50 – 12:20	72	76	51	<49

3.3.3 Results Interpretation

LAeq 30 min levels recorded at the three boundary stations were 50-68 dB. Greenstar operations dominated at two of these locations. It is understood that noise limits specified in waste licence W0183-01 do not apply to these stations. At the offsite sensitive station NSL1, the only station to which the licence noise limits apply, the LAeq 30 min level measured was 72 dB. Greenstar emissions were not audible, and were therefore lower than the 55 dB daytime limit specified in licence W0183-01. SEHL operations did not give rise to tones or impulses at NSL1, thus complying with condition 5.5 of the Licence.

3.4 Dust Monitoring

Dust monitoring was carried out on three occasions in 2017. The Licence requires a minimum of three yearly monitoring events to take place. The three monitoring events took place in August, September and December 2017. The measurements recorded have been used to determine compliance with the dust emission limit (350 mg/m2/d) specified in Schedule C2 of the Licence.

Bergerhoff style gauges were used to determine total dust deposition levels at the site. Four gauges were set up so that the dust jars were at a height of at least 1.5 m above the ground and the jars were set in place during the monthly monitoring event. The samples were submitted to City Analysts Laboratories Ltd. for analysis of dust contents.

3.4.1 Monitoring Locations

The dust monitoring was carried out at four on-site locations (DS-01, DS-02, DS-03 and DS-04) in 2017. The locations of these monitoring points are shown on Drawing 001.

3.4.2 Monitoring Results

The results for organic, inorganic and total dust deposition for the three monitoring events which took place in August, September and December are presented in Table 6, Table 7, and Table 8 respectively. The dust emission limit set out in the Licence is also included in these tables.



Table 6 Dust Monitoring Results August 2017

	Total Dust	Organic Dust	Inorganic Dust		
Sampling Point	August 2017				
	mg/m²/day				
DS-01	26.31	20.76	5.55		
DS-02	74.62	48.47	26.14		
DS-03	10.38	5.11	5.27		
DS-04	*	*	*		
Limit			350		

^{*} dust jars contaminated with bird excrement

Table 7 Dust Monitoring Results September 2017

	Total Dust	Organic Dust	Inorganic Dust		
Sampling Point	September 2017				
	mg/m²/day				
DS-01	103.68	65.75	37.92		
DS-02	72.86	24.63	18.23		
DS-03	47.69	24.07	23.62		
DS-04	74.50	52.96	21.54		
Limit			350		

Table 8 Dust Monitoring Results December 2017

	Total Dust	Organic Dust	Inorganic Dust		
Sampling Point	December 2017				
	mg/m²/day				
DS-01	58.23	29.73	28.50		
DS-02	36.19	18.06	18.12		
DS-03	38.26	22.05	16.21		
DS-04	29.45	23.96	5.50		
Limit			350		

3.4.3 Interpretation of Results

No exceedances of the dust deposition limit of $350 \text{ mg/m}^2/\text{day}$ were evident from the monitoring, which took place during the 2017 reporting year.



Section 4 Site Development Works

4.1 Specified Engineering Works

No specified engineering works in accordance with those listed in Schedule B of the Licence were carried out during the 2017 reporting period.

4.2 Summary of Resource & Energy Consumption

Resources consumed at Millennium Business Park MRF include diesel fuel, electricity, oil (hydraulic, transmission, engine), truck wash detergent, water (mains supply), natural gas and antifreeze. Table 9 presents an estimate of the resources used on-site during 2017 as well as 2016.

Table 9 Estimates of Resources used on site - 2016 & 2017

Resource	Quantities used 2016	Quantities used 2017
Diesel (litres)	62,950	46,213
Electricity (kWh)	645,699	652,562
Oils (hydraulic, transmission, engine) (litres)	1,500	1,300
Detergent (truck wash) (litres)	30	30
Water (mains)(litres)	8,069,000	11,913,000
Natural Gas (kWh)	52,276	31,843
Anti-Freeze (litres)	75	75

4.3 Tank & Pipeline Integrity Testing

Condition 3.13.3 of the Licence requires that tank, drum, pipeline and bund testing be carried out every three years on site.

Bund testing was undertaken in 2017. The testing indicated that all bunds tested were fit for purpose.



Section 5 Waste Received and Consigned from the Facility

The waste processing which takes place at the facility and the maximum quantity of waste which may be processed at the facility are outlined in Section 2 of this document.

A detailed description of the wastes received and consigned in 2017 is presented in the PRTR submission in Appendix 3.

Table 10 shows the quantities of wastes accepted and consigned for the reporting period. The total quantity of waste accepted was 194,431.75 tonnes and the total amount consigned was 189,235.65 tonnes. The records show that more waste was received at the site than was consigned from it. The difference is due to waste which remained onsite at the end of 2017 which will be consigned in 2018.

For comparative purposes, the quantity of waste received and consigned from 2004 to 2017 is presented in Table 12.

As per Condition 5.8 of the Licence, all waste consigned from the site went to authorised recovery and disposal facilities. A copy of the relevant Facility Permit or Waste Licences is retained on site for Agency inspection.

Table 10 Waste Received & Consigned 2017

EWC	Description Waste		Waste Out (tonnes)
020106	Equitation Waste	15.34	
100305	Waste Alumina	6.10	
130208	Waste oil		0.8
130503	Interceptor Sludge		8.7
150101	Cardboard Packaging	75.13	
150102	Plastic Packaging	180.66	268.44
150103	Wooden Packaging	153.27	39.98
150104	Aluminium	30.25	
150105	Compost Packaging	13.02	
150106	Mixed Packaging	17.69	69.04
150107	Glass Packaging	7.98	
150109	Textile	1.96	
150203	Absorbents	0.35	
160103	Tyres	4.50	30.22
160504	HAZ Gases Cylinders		5.02
160505	Gas Cylinders		0.70
160601	HAZ Battery Lead Acid		3.954
170107	C&D	59.06	19.56



170201 Wood 1,973.54 170302 Bituminous Material 7,60 7,66 170401 Copper 0.26	EWC	Description	Waste In (tonnes)	Waste Out (tonnes)
170401 Copper 0.26 170405 Steel 540.26 170504 Soil and Stone 3,849.20 12,991.52 170605 Asbestos 0.38 170802 Gypsum materials 255.27 170904 C&D Inert Mixed 24,128.72 33,158.08 190203 Back End Floc 2,980.44 190801 Screenings 28.88 199905 Resin 10.50 191001 Metal 50.08 191204 Plastic 10.36 10.36 191207 Wood 28.90 3,064.62 191210 Solid Recovered Fuel (SRF) 14,409.52 15,397.77 191212 C&I Dry Mixed 5,765.96 33,670.74 200101 Cardboard & Paper 90.34 90.34 200102 Glass 142.68 142.68 200103 Biodegradable Kitchen & Canteen Waste 8,622.81 7,964.93 200135 REC Electronics & Electrics 0.30 12.24 20013	170201	Wood		1,973.54
170405 Steel 540.26 170504 Soil and Stone 3,849.20 12,991.52 170605 Asbestos 0.38 170802 Gypsum materials 255.27 170904 C&D Inert Mixed 24,128.72 33,158.08 190203 Back End Floc 2,980.44 190801 Screenings 28.88 199905 Resin 10.50 191001 Metal 50.08 191204 Plastic 10.36 191207 Wood 28.90 3,064.62 191210 Solid Recovered Fuel (SRF) 14,409.52 15,397.77 191212 C&I Dry Mixed 5,765.96 33,670.74 200101 Cardboard & Paper 90.34 90.34 200102 Glass 142.68 142.68 200103 Biodegradable Kitchen & Canteen Waste 8,622.81 7,964.93 200135 REC Electronics & Electrics 0.30 12.24 200136 White Goods - WEE 0.42 200138	170302	Bituminous Material	7.60	7.66
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170802 Gypsum materials 255.27 170904 C&D Inert Mixed 24,128.72 33,158.08 190203 Back End Floc 2,980.44	170504	Soil and Stone	3,849.20	12,991.52
170904 C&D Inert Mixed 24,128.72 33,158.08 190203 Back End Floc 2,980.44 190801 190801 Screenings 28.88 190905 191001 Metal 50.08 10.36 191204 Plastic 10.36 10.36 191207 Wood 28.90 3,064.62 191210 Solid Recovered Fuel (SRF) 14,409.52 15,397.77 191212 C&I Dry Mixed 5,765.96 33,670.74 200101 Cardboard & Paper 90.34 200102 Glass 142.68 200103 Biodegradable Kitchen & Canteen Waste 8,622.81 7,964.93 200135 REC Electronics & Electrics 0.30 12.24 200136 White Goods - WEE 0.42	170605	Asbestos		0.38
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191001 Metal 50.08 191204 Plastic 10.36 10.36 191207 Wood 28.90 3,064.62 191210 Solid Recovered Fuel (SRF) 14,409.52 15,397.77 191212 C&I Dry Mixed 5,765.96 33,670.74 200101 Cardboard & Paper 90.34 200102 Glass 142.68 200108 Biodegradable Kitchen & Canteen Waste 8,622.81 7,964.93 200135 REC Electronics & Electrics 0.30 12.24 200136 White Goods - WEE 0.42 200138 Wood 5,509.38 4,940.05 200139 Plastic 5.96 200140 Metal 1,001.13 4,327.24 200201 Green Biodegradable Waste 2,289.94 2,474.88 200301 MSW Municipal Mixed 61,689.32 67,160.35 200303 Street Cleaning 388.28 271.14 200307 Bulky Waste 62,065.90 1,357.66 Total received 194,431.75 189,235.65 Total consigned 174,158.14	190801	Screenings	28.88	
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191207 Wood 28.90 3,064.62 191210 Solid Recovered Fuel (SRF) 14,409.52 15,397.77 191212 C&I Dry Mixed 5,765.96 33,670.74 200101 Cardboard & Paper 90.34 200102 Glass 142.68 200108 Biodegradable Kitchen & Canteen Waste 8,622.81 7,964.93 200135 REC Electronics & Electrics 0.30 12.24 200136 White Goods - WEE 0.42	191001	Metal	50.08	
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200135 REC Electronics & Electrics 0.30 12.24 200136 White Goods - WEE 0.42 200138 Wood 5,509.38 4,940.05 200139 Plastic 5.96 200140 Metal 1,001.13 4,327.24 200201 Green Biodegradable Waste 2,289.94 2,474.88 200301 MSW Municipal Mixed 61,689.32 67,160.35 200303 Street Cleaning 388.28 271.14 200307 Bulky Waste 62,065.90 1,357.66 Total received 194,431.75 Total consigned 189,235.65 Recovery 174,158.14	200102	Glass	142.68	
200136 White Goods - WEE 0.42 200138 Wood 5,509.38 4,940.05 200139 Plastic 5.96 200140 Metal 1,001.13 4,327.24 200201 Green Biodegradable Waste 2,289.94 2,474.88 200301 MSW Municipal Mixed 61,689.32 67,160.35 200303 Street Cleaning 388.28 271.14 200307 Bulky Waste 62,065.90 1,357.66 Total received 194,431.75 194,431.75 Total consigned 189,235.65 Recovery 174,158.14	200108	Biodegradable Kitchen & Canteen Waste	8,622.81	7,964.93
200138 Wood 5,509.38 4,940.05 200139 Plastic 5.96 200140 Metal 1,001.13 4,327.24 200201 Green Biodegradable Waste 2,289.94 2,474.88 200301 MSW Municipal Mixed 61,689.32 67,160.35 200303 Street Cleaning 388.28 271.14 200307 Bulky Waste 62,065.90 1,357.66 Total received 194,431.75 189,235.65 Total consigned 189,235.65 Recovery 174,158.14	200135	REC Electronics & Electrics	0.30	12.24
200139 Plastic 5.96 200140 Metal 1,001.13 4,327.24 200201 Green Biodegradable Waste 2,289.94 2,474.88 200301 MSW Municipal Mixed 61,689.32 67,160.35 200303 Street Cleaning 388.28 271.14 200307 Bulky Waste 62,065.90 1,357.66 Total received 194,431.75 189,235.65 Recovery 174,158.14	200136	White Goods - WEE	0.42	
200140 Metal 1,001.13 4,327.24 200201 Green Biodegradable Waste 2,289.94 2,474.88 200301 MSW Municipal Mixed 61,689.32 67,160.35 200303 Street Cleaning 388.28 271.14 200307 Bulky Waste 62,065.90 1,357.66 Total received 194,431.75 189,235.65 Recovery 174,158.14	200138	Wood	5,509.38	4,940.05
200201 Green Biodegradable Waste 2,289.94 2,474.88 200301 MSW Municipal Mixed 61,689.32 67,160.35 200303 Street Cleaning 388.28 271.14 200307 Bulky Waste 62,065.90 1,357.66 Total received 194,431.75 189,235.65 Recovery 174,158.14	200139	Plastic		5.96
200301 MSW Municipal Mixed 61,689.32 67,160.35 200303 Street Cleaning 388.28 271.14 200307 Bulky Waste 62,065.90 1,357.66 Total received 194,431.75 Total consigned 189,235.65 Recovery 174,158.14	200140	Metal	1,001.13	4,327.24
200303 Street Cleaning 388.28 271.14 200307 Bulky Waste 62,065.90 1,357.66 Total received 194,431.75 189,235.65 Total consigned 174,158.14	200201	Green Biodegradable Waste	2,289.94	2,474.88
200307 Bulky Waste 62,065.90 1,357.66 Total received 194,431.75 Total consigned 189,235.65 Recovery 174,158.14	200301	MSW Municipal Mixed	61,689.32	67,160.35
Total received 194,431.75 Total consigned 189,235.65 Recovery 174,158.14	200303	Street Cleaning	388.28	271.14
Total consigned 189,235.65 Recovery 174,158.14	200307	Bulky Waste	62,065.90	1,357.66
Recovery 174,158.14		Total received	194,431.75	
		Total consigned		189,235.65
Disposal		Recovery		174,158.14
טוsposai 15,077.51		Disposal		15,077.51
Recovery Rate (%) 92		Recovery Rate (%)		92



Table 11 Waste Received & Consigned 2016

EWC	Description	Waste In (tonnes)	Waste Out (tonnes)
101008	Casting cores and moulds from pouring	5.49	
150101	Paper and cardboard packaging	10,376.16	10,262.92
150102	Plastic packaging	1,057.32	989.75
150103	Wooden packaging	810.10	443.43
150104	Metallic packaging	25.43	2.80
150105	Composite packaging	15.51	
150106	Mixed packaging	5.40	3,272.59
150107	Glass Packaging	22.06	
150102	Shredded Plastics	3.28	
160504	Pressurised gas containers		1.20
170101	Concrete		24.60
170203	Plastic	30.07	29.52
170405	Iron and steel	1.20	
170411	Cables other than those mentioned in 17 04 10	0.38	
170504	Soils and stones other than those mentioned in 17 05 03	2,213.68	2,317.87
170604	Insulation materials other than those mentioned in 17 06 01 and 17 06 03 9.87		
170802	Gypsum-based construction materials other than those mentioned in 17 08 01	255.29	
170904	Mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	1,281.97	1,489.90
190905	Saturated or spent ion exchange resins	5.41	
191201	Mixed Packaging	1.36	
191207	Wood	14.91	70.94
191209	Minerals (for example sand, stones)	1,185.10	440.03
191210	Combustible waste RDF	6,255.69	4,041.66
191212	Other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	1,126.30	2,570.78
200101	Paper and cardboard	15,772.33	
200102	Glass	10.85	
200108	Biodegradable kitchen and canteen waste	996.03	1,147.72
200111	Textiles	28.58	
200138	Wood other than that mentioned in 20 01 37	2,312.43	2,513.30
200139	Plastics	35.57	4.90
200140	Metals	941.04	1,323.00
200201	Biodegradable waste	1,796.04	1,536.99
200301	Mixed municipal waste	20,681.67	21,118.77
200303	Street-cleaning residues	545.97	280.20
<u> </u>		I.	1



EWC	Description	Waste In (tonnes)	Waste Out (tonnes)
200307	Bulky waste	19,331.65	14,309.54
	Total received	87,154.13	
	Total consigned		84,846.73
	Recovery		77,780.64
	Disposal		7,124.92
	Recovery Rate (%)		91



Table 12 Waste Received & Consigned 2004 - 2017

Description	Total Received	Total Consigned
2017	194,431.75	189,235.65
2016	87,154.13	84,900.67
2015	105,517.447	100,462.678
2014	80,987.80	79,850.41
2013	83,500.66	81,230.14
2012	92,484.12	87,448.73
2011	87,191	83,181
2010	74,694.50	68,868.59
2009	79,469.57	77,224.94
2008	133,813.88	129,366.26
2007	167,056.84	161,828.21
2006	79,570.21	80,725.68
2005	105,517.447	100,462.678
2004	80,987.80	79,850.41



Section 6 Environmental Incidents and Complaints

6.1 Incidents

There were two reportable incidents on site in 2017. Small fires in April and October were reported to the Agency. The incidents were fully investigated and closed out. No significant environmental damage occurred.

6.2 Register of Complaints

SEHL maintains a register of complaints received in accordance with Condition 10.4 of the Licence. A copy of all complaints and responses are retained on site.

No complaints were received in 2017.



Section 7 Environmental Development

7.1 Environmental Management System

An Integrated Management System (IMS) has been implemented by SEHL 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.

The IMS has been developed to incorporate continual improvement, while constantly ensuring that all requirements of the Licence conditions are taken into account. SEHL has prepared and effectively implement documented procedures and instructions in accordance with the requirements of both OHSAS 18001:2007 and ISO 14001:2015.

A list of environmental, management, operating and maintenance procedures have been developed by SEHL as part of the IMS. Details of these procedures are outlined in Appendix 2.

The status of objectives and targets which were previously identified for 2017 and the proposed objectives and targets for 2018 are presented in Table 13 and Table 14.

7.1.1 Site Management

The management and staffing structure is outlined below:

Name: Kieran Connor

Role: Director of Operations

Experience: 15 years' waste management experience and has completed the FAS

Waste Management course equivalent

Name: Graham Cassidy

Responsibility: Site Supervisor (from March 2017)

Experience: 20 years' experience in waste management and has completed the FAS

Waste Management course equivalent

Name: Bebhinn Brennan

Role: EHS Officer

Experience: 8 years' experience and has completed the FAS Waste Management

course equivalent

Name: Eanna Bailey



Role: Weighbridge Manager

Experience: Degree in Environmental Science

7.1.2 Staff Training

Manual handling training was provide to staff in 2017. Machine drivers received CSCS training in 2017.

7.2 Environmental Management Progression and Projected Programme

7.2.1 Progression of 2017 Objectives and Targets

The objectives and targets that were achieved during this reporting period are outlined in Table 7.1.

7.2.2 Projected 2018 Objectives and Targets

The projected targets and objectives for 2018 are presented in Table 7.2.



Table 13 Progression of 2017 Objectives and Targets

No.	Objective	Target	Responsibility	Time scale
1	Increase awareness of Odour Management on site and group wide	Specify Odour detection in Site Inspection Database (EF-10A) on a daily basis and generate actions as appropriate	Site Management/EHS	On-going
2	Waste storage practices	Review waste storage practices on each site to ensure that they are in line with Licence conditions, fire prevention and insurance recommendations	Site Management/EHS	On-going
3	Emergency response procedures - ER pack update	Review the Emergency Response Pack on each site and ensure that all information & equipment required in case of an emergency is available. Confirm that relevant staff training adequately addresses.	Site Management/EHS	On-going
4	CRAMP, ELRA & Financial Provision	CRAMP, ELRA & Financial Provision to be reviewed	EHS team	Completed
5	Waste acceptance, classification & records	EWC training for all weighbridge ops. Centralisation of all Licences & permits incl NWCPs for hauliers.	EHS team	Completed
6	Pipeline integrity & bund testing	Arrange for integrity testing of pipelines and bunds as per Licence requirements.	Site Management/EHS	Completed
7	Energy Audit	Completed energy audit as per amended Licence conditions	Site Management/EHS	Completed
8	Fire risk assessment	Implement FRA recommendations	Site management/EHS team	Completed
9	Submit Licence review		EHS team	Completed
10	Replace wind sock		Site management	Completed
11	Storm water network	Investigate blockage in SW pipeline once external network operational again	Site management/EHS team	Not yet possible
12	Bund tests	Bund tests due	EHS team	Completed



Table 14 Objectives and Targets for 2018

No.	Objective	Target	Responsibility	Time scale
1	Nuisance management	Ensure odour/noise/dust management plans are followed and potential new sources are identified	Site management	Q1 - Q4
2	Fire prevention	Implement recs from Fire Risk Assessments Update ERP & APP where applicable Maintain fire detection equipment	Site management/EHS team	Q1 - Q4
3	Waste storage	Review waste storage practices on each site to ensure that they are in line with Licence conditions, fire prevention and insurance recommendations	Site management/EHS team	Q1 - Q4
4	ISO 14001 transition	Transition ISO 14001 to the 2015 standard	EHS team	Q2
5	Paperless project	Implement plans for a paperless office	All staff	Q3-Q4
6	Resource tracking	Sites to track energy usage and other resources in order to conserve wherever possible	Site management/EHS team	Q1 - Q4
7	Hardstand & site infrastructure	Review hardstand and formulate repair plan as required. Record using EF11.	Site management/EHS team	Q1 - Q4
8	Cover bunds	Install shelter over bunded area	Site management	Q2-Q3



7.3 Communications Programme

A commitment has been made by SEHL to make its Environmental, Health & Safety Policy and other relevant records available to the public and interested parties. To facilitate this, a Communications Programme has been established by SEHL.

The following records are maintained:

- Environmental, Health & Safety Policy;
- IED Licence;
- Licence Application and Review documentation;
- Monitoring records;
- Complaints File; and
- EPA Correspondence File.

7.4 Nuisance Controls

Greenstar has contracted a vermin control company, Pestguard, to carry out nuisance control at the facility. Pestguard undertake a 6-weekly review of the vermin activity on-site along with an inspection of the bait traps that are located throughout the facility.

7.5 Waste Recovery

The facility is designed to increase the recycling of biodegradable materials and reduce the volume of waste disposed to landfill. Of the 194,431.75 tonnes of waste consigned from the facility approximately 92% was sent for recovery.

7.6 DMP, ELRA & Financial Provision

A Decommissioning Management Plan (DMP) and Environmental Liabilities Risk Assessment (ELRA) including Financial Provision (FP) have been developed for the site and were submitted to the Agency in 2013. These have both been approved by the Agency and provision is in place with their agreement. A review and update of both reports was completed in 2017.

7.7 Rainwater and Wastewater Volumes

No rainwater was reused at the facility in 2017. The grey water reuse system has been decommissioned. As it is not possible to give an exact figure for the amount of wastewater produced during 2017, an estimate of 6,000 m³ of water was used by the truck wash during the year.

Wastewater discharges to the municipal sewer serving the industrial estate. The sewer water then flows to a waste water treatment plant operated by Fingal County Council.



Section 8 Other reports

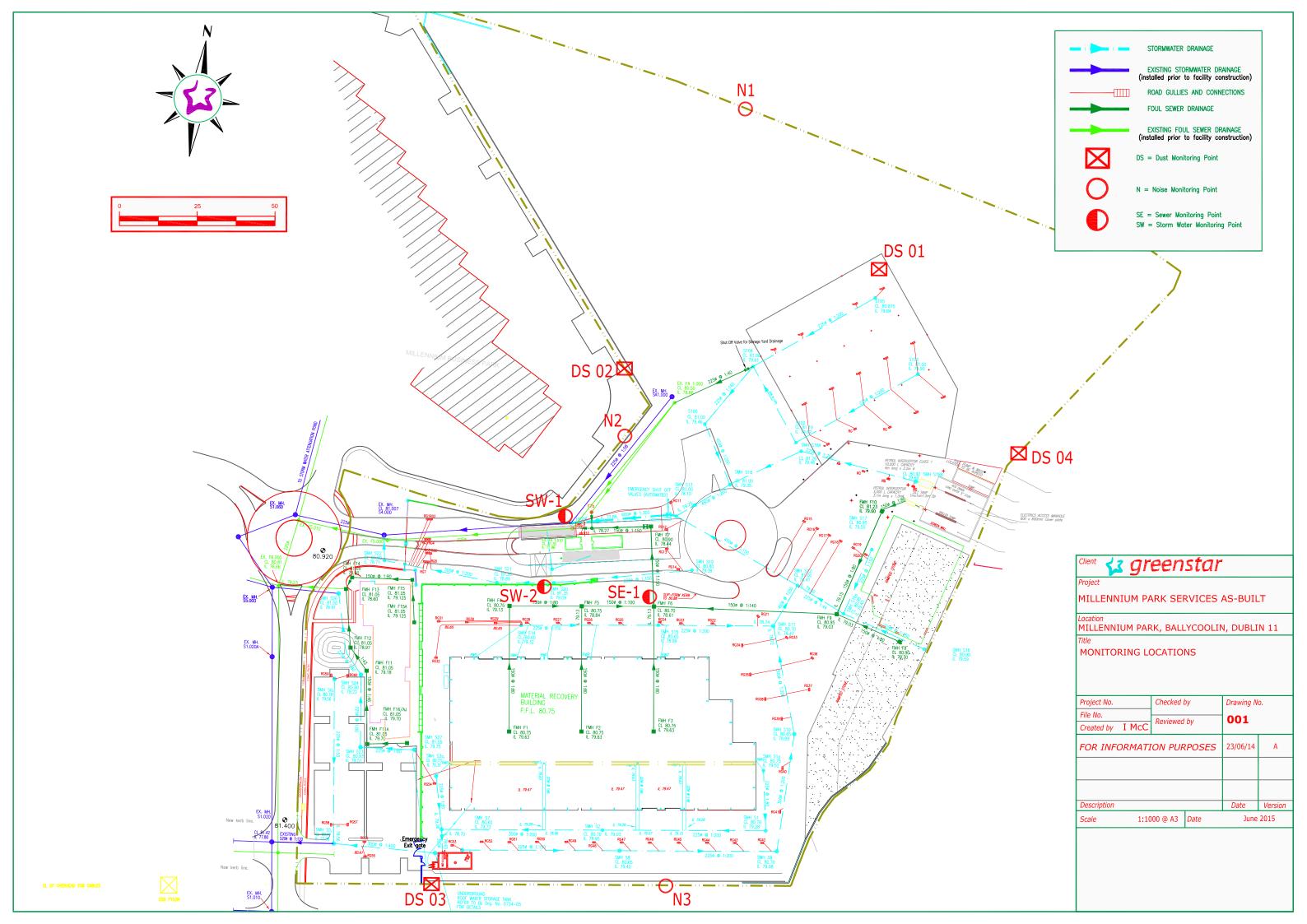
8.1 European Pollutant Release and Transfer Register

A copy of the EPRTR return submitted to the Agency via the web-based data reporting system is included in Appendix 3.



Appendix 1: Sampling Locations





Appendix 2: Integrated Management System







Doc. No.: ControlRevision No.: As ShownIssue Date: As ShownApproved By:David Naughton - Group Environmental ManagerPage 1 of 5Joe Nicholson - Group H&S Manager

Integrate	d Procedures - IP	
IP-01	Document & Record Control Procedure	Rev 01, 22/05/17
IP-02	Health & Safety Risk Assessment Procedure	Rev 01, 22/05/17
IP-03	Environmental Aspects & Impacts Procedure	Rev 01, 22/05/17
IP-04	Legal & Regulatory Requirements Procedure	Rev 01, 22/05/17
IP-05	Objectives, Targets & Management Programmes Procedure	Rev 01, 22/05/17
IP-06	Competence, Training & Awareness Procedure	Rev 01, 22/05/17
IP-07	Communication & Consultation Procedure	Rev 01, 22/05/17
IP-08	Monitoring, Measurement & Improvement Procedure	Rev 01, 22/05/17
IP-09	Evaluation of Compliance Procedure	Rev 01, 22/05/17
IP-10	Non Conformances, Corrective/Preventive Actions Procedure	Rev 01, 22/05/17
IP-11	Internal Audit Procedure	Rev 01, 22/05/17
IP-12	Management Review Procedure	Rev 01, 22/05/17
IP-13	Control of Contractors/Visitors Procedure	Rev 01, 22/05/17
IP-14	Health & Safety & Environmental Monitoring	Rev 01, 22/05/17
IP-15	Emergency Preparedness & Response Procedure	Rev 01, 22/05/17
IP-16	Fire Prevention Procedure	Rev 01, 22/05/17
IP-17	Bin Washing Procedure	Rev 01, 22/05/17
IP-18	Accident Prevention Procedure	Rev 01, 22/05/17
IP-19	Fuel Procedure for Tanks & Mobile Plant	Rev 01, 22/05/17

Safety Procedures - SP			
Permit to Work Procedure	Rev 01, 22/05/17		
Maintenance & Calibration Procedure	Rev 01, 22/05/17		
Mobile Plant Procedure	Rev 01, 22/05/17		
Fork Truck Procedure	Rev 01, 22/05/17		
Operation of Fixed Plant Procedure	Rev 01, 22/05/17		
Lock Out / Tag Out Procedure	Rev 01, 22/05/17		
Health & Safety Notification Procedure	Rev 01, 22/05/17		
MSW Shredder routine Maintenance & Clearing of Blockages Procedure (SCGT)	Rev 01, 22/05/17		
Weighbridge & Tipping Procedure (SCGT)	Rev 01, 22/05/17		
Cleaning of Washing Bay (Greenogue)	Rev 01, 22/05/17		
	Permit to Work Procedure Maintenance & Calibration Procedure Mobile Plant Procedure Fork Truck Procedure Operation of Fixed Plant Procedure Lock Out / Tag Out Procedure Health & Safety Notification Procedure MSW Shredder routine Maintenance & Clearing of Blockages Procedure (SCGT) Weighbridge & Tipping Procedure (SCGT)		



Procedure Listing

Doc. No.: Control	Revision No.: As Shown	Issue Date: As Shown
Approved By:	David Naughton - Group Environmental Manager	Page 2 of 5
	Joe Nicholson – Group H&S Manager	

Environmental Procedures - EP			
EP-01	Office Waste & Energy Management Procedure	Rev 01, 22/05/17	
EP-02	Decommissioning and Aftercare Procedure	Rev 01, 22/05/17	
EP-03	Environment Communications Procedure	Rev 01, 22/05/17	
EP-04	Waste Permits & Licences Procedure	Rev 01, 22/05/17	
EP-05	Waste Acceptance Procedure	Rev 01, 22/05/17	
EP-06	Unacceptable Waste Procedure	Rev 01, 22/05/17	
EP-07	Waste & Material Storage Procedure	Rev 01, 22/05/17	
EP-08	Waste Processing Procedure	Rev 01, 22/05/17	
EP-09	Site Infrastructure Procedure	Rev 01, 22/05/17	
EP-10	Nuisance Management Procedure (Site Specific)	(Site Specific)	
		Rev 01, 22/05/17	
EP-11	Civic Amenity Site Procedure	Rev 01, 22/05/17	





Doc. No.: Control Revision No.: As Shown Issue Date: As Shown

Approved By: Malcolm Dowling – Group Compliance Manager Page 3 of 5

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	IP-06	02	Addressing Agency Staff needs	M.D & O.C
01.02.11	13	Circ List	02	Amendment to document control	M.D & O.C
04.04.11	14	SP-02	03	Inclusion of Site Specific Maintenance schedules	O.C
07.06.11	15	IP-11	02	Inclusion of H&S & Env Internal Audit Schedules	M.D & O.C
14/09/11	16	EP-02	02	Inclusion of decommissioning of plant/equipment	S.B
15/09/11	17	IP-09	02	Inclusion of Statutory Inspections	O.C
01/12/11	18	SP-09	01	Inclusion of new procedure for SCGT	O.C
01/12/11	19	SP-10	01	Inclusion of new procedure for SCGT	O.C
03/05/12	20	SP-01	02	Amendment to remove SF 028	O.C
05/05/12	21	SP-11	01	Inclusion of a new procedure for Greenogue	O.C
28/05/12	22	IP-11	03	General Amendments to internal audit procedure	M.D & O.C
08/06/12	23	IP-13	03	Grammatical amendment	M.D & O.C
15/04/13	24	IP-06	03	Agency staff – sign-off record sufficient proof of training. TMS optional	M.D & O.C





Doc. No.: ControlRevision No.: As ShownIssue Date: As ShownApproved By:Malcolm Dowling - Group Compliance ManagerPage 4 of 5

Date	Amendment No.				Authorised By		
30/06/13	25	IP-16	01	Inclusion of new procedure	M.D.		
09/09/13	26	IP-03	02	Use of Scannell Software Solutions (EnviroManager) instead of IF-03A	M.D & O.C		
09/09/13	27	IP-04	30	Use of Scannell Software Solutions (EnviroManager) instead of IF-03A	M.D & O.C		
09/09/13	28	IP-05	02	Use of Scannell Software Solutions (EnviroManager) instead of IF-03A	M.D & O.C		
16/10/13	29	EP-03	03	Introduction of EPA ALDER Portal	K.B		
28/04/14	30	All EP's & IP's	01	Change of Company name and review of all Integrated and Env procedures	M.D & O.C		
28/04/14	31	SP's	01	Change of Company name and review of all safety procedures including renumbering & deletion of Motor Claim Notification Procedure – SP 08	O.C		
06/05/15	32	EP-09	02	Ref to new form EF-11 added	SS		
21/01/16	33	IP-05/IP- 07/IP-12	02	Meeting frequency refs updated	SS		
14/11/16	34	IP-18	02	Amended as per EPA instruction	SS		
11/01/17	35	IP-19	01	New addition	SS		
22/05/17	36	All EP's, SP's & IP's	01	Review of all procedures	DN & JN		





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Doc. No.: Control	Revision No.: As Shown	Issue Date: As Shown
Approved By:	Malcolm Dowling – Group Compliance Manager	Page 5 of 5

Circulation List

The Integrated Procedures Manual is a controlled document. Copies of the Procedures Manual are available as follows;

Copy Number	Holder
1 (Master Copy)	Group EHS Managers
2	Greenstar EnviroManager
3	Greenstar Intranet – Electronic Copy

Appendix 3: European Pollutant Release and Transfer Register





Guidance to completing the PRTR workbook

PRTR Returns Workbook

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1. FACILITY IDENTIFICATION

Parent Company Name	Starrus Eco Holdings Limited
Facility Name	Starrus Eco Holdings Limited (Millenium Business Park)
PRTR Identification Number	W0183
Licence Number	W0183-01

Classes of Activity

Glacece et heavity	
No.	class_name
-	Refer to PRTR class activities below

Address 1	Millennium Business Park
Address 2	Grange
Address 3	Ballycoolin
Address 4	Dublin 11
	Dublin
Country	Ireland
Coordinates of Location	-6.34044 53.4084
River Basin District	IEEA
NACE Code	3832
Main Economic Activity	Recovery of sorted materials
AER Returns Contact Name	
AER Returns Contact Email Address	Sara.Smyth@greenstar.ie
AER Returns Contact Position	
AER Returns Contact Telephone Number	353 (01) 274 6236
AER Returns Contact Mobile Phone Number	
AER Returns Contact Fax Number	353 (01) 282 9525
Production Volume	0.0
Production Volume Units	
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	20
	There was an increase in the levels of sulphate detected in 2017 at the
	Waste water outlet. The levels of BOD detected in the waste water
	decreased in 2017.
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)

01 00 2 1 2 11 1 0 1 1 2 0 2 2 1 1 1 0 1 0	·v=/
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. WASTE IMPORTED/ACCEPTED ONTO SITE

Guidance on waste imported/accepted onto site

Do you import/accept waste onto your site for onsite treatment (either recovery or disposal activities) ?

	SECTION A : SECTOR SPECIFIC PRTR POL	LUTANTS								
		RELEASES TO AIR				Please enter all quantities	in this section in Ko	3s		
	PO	LLUTANT		MET	HOD				QUANTITY	
				M	ethod 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

Link to previous years emissions data

SECTION B: REMAINING PRTR POLLUTANTS

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

^{*} 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)

				Please enter all quantities in this section in KGs					
PO	LLUTANT		M	ETHOD			QUANTITY	1	
				Method Used					
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Acciden	tal) 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) KGlyr for Section A: Sector specific PRTR pollutants above. Please complete the table below:

Starrus Eco Holdings Limited (Millenium Business

Landfill:	Park)
Langiii:	raik)

Please enter summary data on the quantities of methane flared and / or utilised			Meth	nod 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					(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	

	RELEASES TO WATERS				Please enter all quantities	in this section in KGs		
POI	LUTANT						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

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

Link to previous years emissions data

SECTION B: REMAINING PRTR POLLUTANTS

	RELEASES TO WATERS				Please enter all quantities	in this section in KGs		
POI	LUTANT						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

^{*} 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		
PO	LLUTANT						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

 $^{^{\}star}$ 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# : W0183 | Facility Name : Starrus Eco Holdings Limited (Millenium Business Park) | Filename 29/03/2018 15.0

SECTION A: PRTR POLLUTANTS

	DFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREAT	MENT OR	SEWER		Please enter all quantities	in this section in KGs		
	POLLUTANT		METHO	DD			QUANTITY	
			Me	thod 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

^{*} 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	POLLUTANT EMISSIONS (as required in your Licence)	WASTE WATER TREATMENT OR	OFINED.		BI			
	OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR POLLUTANT	WASTE-WATER TREATMENT OR		ETHOD	Please enter all quantities i		QUANTITY	
	TOLLUTART		T IV	Method Used			QUARTITI	
Pollutant No.	Name	M/C/E	Method Code		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
238	Ammonia (as N)	м	PER	Based on estimate of water used in wheel wash. Analysis is ISO accredited.	88.02	88.02	0.0	0.0
303	BOD	М	PER	Based on estimate of water used in wheel wash. Analysis is ISO accredited.	544.0	544.0	0.0	0.0
306	COD	м	PER	Based on estimate of water used in wheel wash. Analysis is ISO accredited.	2459.0	2459.0	0.0	0.0
240	Suspended Solids	м	PER	Based on estimate of water used in wheel wash. Analysis is ISO accredited.	3447.0	3447.0	0.0	0.0
314	Fats, Oils and Greases	м	PER	Based on estimate of water used in wheel wash. Analysis is ISO accredited.	157.61	157.61	0.0	0.0
308	Detergents (as MBAS)	М	PER	Based on estimate of water used in wheel wash. Analysis is ISO accredited.	2.55	2.55	0.0	0.0
343	Sulphate	м	PER	Based on estimate of water used in wheel wash. Analysis is ISO accredited.	49.2	49.2	0.0	0.0

			Please enter	all quantities on this sheet in Tonnes								. 0
									Haz Waste : Name and Licence/Permit No of Next		N	
			Quantity						Destination Facility Non Haz Waste: Name and	Destination Facility	Name and License / Permit No. and Address of Final Recoverer /	Actual Address of Final Destination
			(Tonnes per Year)				Method Used		Licence/Permit No of Recover/Disposer	Non Haz Waste: Address of Recover/Disposer	Disposer (HAZARDOUS WASTE ONLY)	i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
	European Waste				Waste Treatment			Location of				
Transfer Destination	Code	Hazardous		Description of Waste	Operation	M/C/E	Method Used	Treatment				
									RILTA,W0192-03,Rilta Environmental Limited	Rilta Environmental Limited	RILTA,W0192-03,Rilta Environmental Limited	Rilta Environmental Limited
									,Block 402 Grant's Drive	,Block 402 Grant's Drive	,Block 402 Grant's Drive	,Block 402 Grant's Drive
									,Greenogue Business Park ,Rathcoole County	,Greenogue Business Park ,Rathcoole County	,Greenogue Business Park ,Rathcoole County	,Greenogue Business Park ,Rathcoole County
Within the Country	13 02 08	Yes	8.0	other engine, gear and lubricating oils	R3	M	Weighed	Offsite in Ireland	Dublin.,Ireland	Dublin.,Ireland	Dublin.,Ireland	Dublin.,Ireland
									RILTA,W0192-03,Rilta Environmental Limited	Rilta Environmental Limited	RILTA,W0192-03,Rilta Environmental Limited	Rilta Environmental Limited
									,Block 402 Grant's Drive	,Block 402 Grant's Drive	,Block 402 Grant's Drive	,Block 402 Grant's Drive
									,Greenogue Business Park ,Rathcoole County	,Greenogue Business Park ,Rathcoole County	,Greenogue Business Park ,Rathcoole County	,Greenogue Business Park ,Rathcoole County
Within the Country	13 05 03	Yes	8.7	interceptor sludges	R3	M	Weighed	Offsite in Ireland	Dublin.,Ireland	Dublin.,Ireland	Dublin.,Ireland	Dublin.,Ireland
										92 Cloughwater Road ,Ballymena		
										,Co.Antrim		
To Other Countries	15 01 02	No	135.34	l plastic packaging	R13	М	Weighed	Abroad	Cloughwater Plastics,-	,BT43 6SZ,united kingdom Ballymount Road		
Maril I I I	45.04.00		7.00		B40			0""	IDD Mooco od	Walkinstown Dublin 12		
Within the Country	15 01 02	No	7.08	s plastic packaging	R13	М	Weighed	Offsite in Ireland	IPR,W0263-01	Dublin.,-,-,-,Ireland Ballynagran,Coolbeg &		
NA/Sale in the Comment	45.04.00	NI-	40.4	Lalastia apakasina	Dr	М	Mariaha d	Offsite in Ireland	Knockharley Landfill Ltd,W0165-02	Kilcandra,Co. Wicklow,Ireland		
Within the Country	15 01 02	No	13.4	l plastic packaging	D5	IVI	Weighed	Offsite in Ireland	Leinster Environmental/Eco	wicklow,.,ireland		
Within the Country	15 01 02	No	101.62	Plastic packaging	R13	М	Weighed	Offsite in Ireland	WM Ltd ,WFP-LH-09-0004-	dundalk,-,-,-,ireland		
Within the Country	13 01 02	140	101.02	. plastic packaging	KIS	IVI	Weighed	Offsite III Ireland	01	92 Cloughwater Road		
										,Ballymena ,Co.Antrim		
To Other Countries	15 01 02	No	11.0	plastic packaging	R13	M	Weighed	Abroad	Van Werven NI,-	,BT43 6SZ,united kingdom		
Within the Country	15 01 03	No	39.98	wooden packaging	R13	М	Weighed	Offsite in Ireland	Starrus Eco Holdings Ltd.W0053-03	Fassaroe,Bray,Co. Wicklow,,,Ireland		
·												
Within the Country	15 01 06	No	41.16	mixed packaging	R13	М	Weighed	Offsite in Ireland	Nurendale Limited,W0261-02	Cappagh Road ,Cappogue , Finglas ,Dublin 11 ,Ireland		
										Ballymount Road Walkinstown Dublin 12		
Within the Country	15 01 06	No	27.88	mixed packaging	R13	M	Weighed	Offsite in Ireland	IPR,W0263-01	Dublin.,-,-,-,Ireland		
										Ballymount Road Walkinstown Dublin 12		
Within the Country	16 01 03	No	30.22	end-of-life tyres	R13	M	Weighed	Offsite in Ireland	IPR,W0263-01	Dublin.,-,-,-,Ireland		
Within the Country	16 05 04	Yes	0.52	gases in pressure containers (including halons) containing dangerous substances	R4	М	Weighed	Offsite in Ireland	calor gas	Long Mile Rd ,Drimnagh ,Dublin,-,Ireland	calor gas,-	Long Mile Rd ,Drimnagh ,Dublin,-,Ireland
,									,	, , ,	BOC Gas	, , ,
Within the Country	16 05 04	Yes	4.5	gases in pressure containers (including halons) containing dangerous substances	R4	М	Weighed	Offsite in Ireland	BOC Gases,-	Bluebell, Dublin 12,-,-,ireland	Dublin,.,Bluebell,.,Dublin 12,.,Ireland	Bluebell,,,Dublin 12,,,Ireland
Ť			0.04	gases in pressure containers other than		М	_	Officia in Iroland	anlar man	Long Mile Rd ,Drimnagh		
Within the Country	16 05 05	No	0.34	those mentioned in 16 05 04	R4	IVI	Weighed	Offsite in Ireland	calor gas,-	,Dublin,-,Ireland Knockbrack House		
				gases in pressure containers other than						,Matthew's Lane ,Donore Road ,Drogheda Co. Louth		
Within the Country	16 05 05	No	0.36	those mentioned in 16 05 04	R4	М	Weighed	Offsite in Ireland	Flo Gas,-	A92 T803,Ireland		
											KMK Metals Recycling Ltd,W0113-03,Cappincur	Cappincur Industrial
										Cappincur Ind. Estate,	Industrial Estate, Daingean	Estate, Daingean
Within the Country	16 06 01	Yes	3.954	lead batteries	R4	М	Weighed	Offsite in Ireland	KMK Metals,NWCPO-08- 10607-02	Daingean Road ,Tullamore, ,ireland	Road,Tullamore,Offaly,Irelan	Road,Tullamore,Offaly,Irelan d
smr and country		. 50	0.004					2Jito iii ii olalia		,	-	-

Control Cont				and the second of the second of the second								
Main the County 17 10 for 18 10 for				mixture of concrete, bricks, tiles and					Ctorrus Fac Haldings	Faccasa Bray Ca		
Column C	Within the Country	17.01.07	No		D13	M	Weighed	Offeite in Ireland				
To Display To	within the Country	17 01 07	INU	19.50 01 00	KIS	IVI	vveigned	Offsite in freiand	Ltd, VV0053-03			
1												
Many 17-01	To Other Countries	17 02 01	No	1973.54 wood	R13	М	Weighed	Abroad	McKinstry,LN/13/45			
Many than												
White the Courty 75 00												
Within the County 17 85 64 No				bituminous mixtures containing other than					Roadstone Ltd,WFP-MH-11-	Donore County Meath		
Within the Caver 17 00 04 No	Within the Country	17 03 02	No	7.66 those mentioned in 17 03 01	R10	M	Weighed	Offsite in Ireland	0003-01	Meath.,-,-,Ireland		
Within the County 17 05 4 No												
Main the County 17 10 6												
Miles Mile	Within the Country	17 05 04	No		R10	M	Weighed	Offsite in Ireland				
Mithin the Country 17 to 50	Mish in the Orienter	47.05.04	NI-		D40		Material	Official in Inclain				
Might not be Country 17 to 8 to 17 to	within the Country	17 05 04	INO	102.00 111 17 05 03	KIS	IVI	vveigned	Offsite in freiand	Lta,vv0053-03			
Within the Country 17 05 04 No 24.5 22 in 17 05 05 Signature Signa				soil and stones other than those mentioned					Breffni Group Plant			
Within the Country 17 05 04 No 9782.36 in 17 05 03 and attores other than those mentioned within the Country 17 05 04 No 9782.36 in 17 05 03 and attores other than those mentioned within the Country 17 05 04 No 9782.36 in 17 05 03 and attores other than those mentioned within the Country 17 05 04 No 9782.36 in 17 05 05 Weighted Country 17 05 04 No 9782.36 in 17 05 05 Weighted Country 17 05 05 Weighted Cou	Within the Country	17 05 04	No		R10	M	Weighed	Offsite in Ireland				
Within the County Within the C	····aiiii aio oodiiai	00 0 .		210.02 111 11 00 00			Troignou	Onono in noidina	1 0,111 1 7 111 11 1 1 1 1 0 0 0 0 7 0 1	-		
Within the County 17 0 6 4 No 976.25 in 17 0 5 0 1 No 976.25 in 17 0 N												
Within the County 17 05 04 No 77.4.48 in 17 05 03 and attones other than those mentioned within the County 17 05 05 Ve 20 10 10 10 10 10 10 10 10 10 10 10 10 10				soil and stones other than those mentioned					Behans Land Restoration	,Punchestown Naas County		
Within the Country 17 05 04 No 3310-22 of 10 2 and of stores other than those mentioned in 19 12 of Within the Country 19 12 10 No 3510-22 to 90 2 and 17 09 03 1.3.28 wood other than the mentioned in 19 12 of Within the Country 19 12 10 No 3510-22 waste (refuse derived fuel) within the Country 19 12 10 No 3510-22 wood other than that mentioned in 19 12 of Within the Country 19 12 10 No 3510-22 wood other than that mentioned in 19 12 of Within the Country 19 12 10 No 3510-22 wood other than that mentioned in 19 12 of Within the Country 19 12 10 No 3510-22 wood other than the mentioned in 19 12 of Within the Country 19 12 10 No 3510-22 wood other than the mentioned in 19 12 of Within the Country 19 12 10 No 3510-22 wood other than the mentioned in 19 12 of Within the Country 19 12 10 No 3510-22 wood other than the mentioned in 19 12 of Within the Country 19 12 10 No 3510-22 wood other than the mentioned in 19 12 of Within the Country 19 12 10 No 3510-22 wood other than that mentioned in 19 12 of Within the Country 19 12 10 No 3510-22 wood other than that mentioned in 19 12 of Within the Country 19 12 10 No 3510-22 wood other than that mentioned in 19 12 of No 3510-22 wood other than that mentioned in 19 12 of No 3510-22 wood other than that mentioned in 19 12 of No 3510-22 wood other than that mentioned in 19 12 of No 3510-22 wood other than that mentioned in 19 12 of No 3510-22 wood other than that mentioned in 19 12 of No 3510-22 wood other than that mentioned in 19 12 of No 3510-22 wood other than that mentioned in 19 12 of No 3510-22 wood other than that mentioned in 19 12 of No 3510-22 wood other than that mentioned in 19 12 of No 3510-22 wood other than that mentioned in 19 12 of No 3510-22 wood other than that mentioned in 19 12 of No 3510-22 wood other than that mentioned in 19 12 of No 3510-22 wood other than that mentioned in 19 12 of No 3510-22 wood other than that mentioned in 19 12 of No 3510-22 wood other than that mentioned in 19 12 of No 3510-22 wood other than that mentioned in 19 12 of No 3510-2	Within the Country	17 05 04	No	9782.36 in 17 05 03	R10	M	Weighed	Offsite in Ireland	Limited,W0247-01			
Within the Country 17 05 04 No 774.48 in 17 05 03 on and stanes other than those mentioned of Millsham the Country 17 05 05 No 9 0.38 (18)												
Within the Country 17 0 0 4 No 774.48 in 17 0 5 0 3 and and alones other than those mentioned by the control of the country 17 0 0 4 No 10.38 in the country 17 0 0 4 No 10.38 in the country 17 0 0 4 No 10.38 in the country 17 0 0 0 4 No 10.38 in the country 17 0 0 0 4 No 10.38 in the country 17 0 0 0 4 No 10.38 in the country 17 0 0 0 1 No 10.38 in the country 18 10 0 No 10.38 in the country 19 10 No 10.38 in the coun												
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Within the Country 17 05 04 No 774.48 in 17 05 03 Figure 17 05 04 No 174.48 in 17 05 03 Figure Figur												
RILTA World 2-03 Rila Rilta	Mithin the Country	17 OF 04	No		D10		Majahad	Officia in Iroland	Decedetors W0277 02			
Within the Country 17 09 05 Yes 23 (19 00 and 17 09 01.17 09 05 No 13 16 28 09 02 and 17 09 03 (18 00 on mentioned in 17 09 01.17 09 05 No 13 16 28 09 02 and 17 09 03 (18 00 on mentioned in 17 09 01.17 09 05 No 13 16 28 09 02 and 17 09 03 (18 00 on mentioned in 19 09 01.17 09 05 No 13 16 28 09 02 and 17 09 03 (18 00 on mentioned in 19 09 01.17 09 05 No 13 16 28 09 02 and 17 09 03 (18 00 on mentioned in 19 09 01.17 09 05 No 13 16 28 09 02 and 17 09 03 (18 00 on mentioned in 19 09 01.17 09 05 No 13 16 28 09 02 and 17 09 03 (18 00 on mentioned in 19 09 01.17 09 05 No 13 16 28 09 02 and 17 09 03 (18 00 on mentioned in 19 09 01.17 09 05 No 13 16 28 09 02 and 17 09 03 (18 00 on mentioned in 19 09 01.17 09 05 No 13 16 28 09 02 and 17 09 03 (18 00 on mentioned in 19 00 01.17 09 05 No 13 16 28 09 02 and 17 09 03 (18 00 on mentioned in 19 00 05 No 13 16 28 00 00 on mentioned in 19 00 05 No 13 16 28 00 00 on mentioned in 19 00 05 No 13 16 28 00 00 on mentioned in 19 00 05 No 13 16 28 00 00 on mentioned in 19 00 05 No 13 16 28 00 00 on mentioned in 19 00 05 No 13 16 28 00 00 on mentioned in 19 00 05 No 13 16 28 00 00 on mentioned in 19 00 05 No 13 16 28 00 00 on mentioned in 19 00 05 No 13 16 28 00 00 on mentioned in 19 00 05 No 13 16 28 00 00 on mentioned in 19 00 05 No 13 16 28 00 00 on mentioned in 19 00 05 No 13 16 28 00 00 on mentioned in 19 00 05 No 13 16 28 00 00 on mentioned in 19 00 05 No 13 16 28 00 00 on mentioned in 19 00 05 No 13 16 28 00 on mentioned in 19 00 05 No 13 16 28 00 on mentioned in 19 00 05 No 13 16 28 00 on mentioned in 19 00 05 No 13 16 28 00 on mentioned in 19 00 05 No 13 16 28 00 on mentioned in 19 00 05 No 13 16 28 00 on mentioned in 19 00 05 No 13 16 28 00 on mentioned in 19 00 05 No 13 16 28 00 on mentioned in 19 00 05 No 13 16 28 00 on mentioned in 19 00 05 No 13 16 28 00 on mentioned in 19 00 05 No 13 16 28 00 on mentioned in 19 00 05 No 13 16 28 00 on mentioned in 19 00 05 No 13 16 28 00 on mentioned in 19 00 05 No 13 16 28 00 00 00 00 00 00 00 00 00 00 00 00 00	within the Country	17 05 04	INO	774.46 111 17 05 03	KIU	IVI	vveigned	Offsite in freiand			PII TA W0102-03 Pilta	
Second												Rilta Environmental Limited
Construction materials containing abbeators within the Country 17 06 05 Yes 0.38 (18)												
within the Country 17 06 05 Yes 0.38 (16 New Yes) 18 06 05 18 09 07 07 09 01, 7 of the fram those mentioned in 17 09 01, 17 of the Country 17 09 04 No 0.3106.28 09 02 and 17 09 03 New Yes) 19 12 04 No 0.3516.34 wood other than the mentioned in 19 12 06 Rish in the Country 19 12 10 No 0.25.7 combustible waste (refuse derived fuel) Rish Country 19 12 10 No 0.3516.29 combustible waste (refuse derived fuel) Rish Country 19 12 10 No 0.3516.20 combustible waste (refuse derived fuel) Rish Country 19 12 10 No 0.3516.20 combustible waste (refuse derived fuel) Rish Country 19 12 10 No 0.3516.20 combustible waste (refuse derived fuel) Rish Country 19 12 10 No 0.3516.20 combustible waste (refuse derived fuel) Rish Country 19 12 10 No 0.351.20 combustible waste (refuse derived fuel) Rish Country 19 12 10 No 0.351.20 combustible waste (refuse derived fuel) Rish Country 19 12 10 No 0.351.20 combustible waste (refuse derived fuel) Rish Country 19 12 10 No 0.351.20 combustible waste (refuse derived fuel) Rish Country 19 12 10 No 0.351.20 combustible waste (refuse derived fuel) Rish Country 19 12 10 No 0.351.20 combustible waste (refuse derived fuel) Rish Country 19 12 10 No 0.351.20 combustible waste (refuse derived fuel) Rish Country 19 12 10 No 0.351.20 combustible waste (refuse derived fuel) Rish Country 19 12 10 No 0.351.20 combustible waste (refuse derived fuel) Rish Country 19 12 10 No 0.351.20 combustible waste (refuse derived fuel) Rish Country 19 12 10 No 0.351.20 combustible waste (refuse derived fuel) Rish Country 19 12 10 No 0.351.20 combustible waste (refuse derived fuel) Rish Country 19 12 10 No 0.351.20 combustible waste (refuse derived fuel) Rish Country 19 12 10 No 0.351.20 combustible waste (refuse derived fuel) Rish Country 19 12 10 No 0.351.20 combustible waste (refuse derived fuel) Rish Country 19 12 10 No 0.351.20 combustible waste (refuse derived fuel) Rish Country 19 12 10 No 0.351.20 combustible waste (refuse de												
Mithin the Country 17 09 04 No 518 09 02 and 17 09 03. The Country 17 09 04 No 518 09 02 and 17 09 03. The Country 17 09 04 No 518 09 02 and 17 09 03. The Country 17 09 04 No 518 09 02 and 17 09 03. The Country 17 09 04 No 518 09 02 and 17 09 03. The Country 17 09 04 No 518 09 02 and 17 09 03. The Country 17 09 04 No 518 09 02 and 17 09 03. The Country 19 12 04 No 518 09 02 and 17 09 03. The Country 19 12 04 No 518 09 02 and 17 09 03. The Country 19 12 07 No 518 09 02 and 17 09 03. The Country 19 12 07 No 518 09 02 and 17 09 03. The Country 19 12 07 No 518 09 02 and 18 09 02 and 19 02 09 02 and 19 02 09 02 and 19 02 09 03 09 02 and 19 02 09 03 09				construction materials containing asbestos								
Within the Country 17 09 04 No 13106.28 09 02 and 17 09 03 18 09 02 and 17 09 02 and 17 09 03 18 09 02 and 17 09 02	Within the Country	17 06 05	Yes	0.38 (18)	D14	M	Weighed	Offsite in Ireland	Dublin.,Ireland	Dublin.,Ireland	Dublin.,Ireland	Dublin.,Ireland
Within the Country 17 99 94 No 51.8 99 02 and 17 09 03				mixed construction and demolition wastes								
mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 vithin the Country 17 09 04 No 33106.28 09 02 and 17 09 01, 17 vithin the Country 17 09 04 No 33106.28 09 02 and 17 09 03 vithin the Country 19 12 04 No 10.36 plastic and rubber Dispersion of the Country 19 12 07 No 3051.34 wood other than that mentioned in 19 12 06 R3 M Weighed Offsite in Ireland LidyWides-02 (Connel Waste Disposal Lid LidyWides-02) (Connel Waste Disposal Lid LidyWides-02) (Connel Waste Disposal Lid LidyWides-02) (Connel Waste Disposal LidyWides-02) (Connel Waste, Disposal LidyWides-												
mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 04 No 33106.28 09 02 and 17 09 03 7 R13 M Weighed Offsite in Ireland Radh, Work (Machan, Leleand Ballynagran, Coobbe & Kilcandra, Co. Within the Country 19 12 04 No 3051.34 wood other than that mentioned in 19 12 06 R13 M Weighed Offsite in Ireland Ld, W0165-02 Wicklow, Lifeland Starrus Eco Holdings (Rickow, Lifeland Ballynagran, Coobbe & Kilcandra, Co. Within the Country 19 12 07 No 3051.34 wood other than that mentioned in 19 12 06 R13 M Weighed Offsite in Ireland Whithin the Country 19 12 07 No 13.28 wood other than that mentioned in 19 12 06 R3 M Weighed Offsite in Ireland Whithin the Country 19 12 10 No 2.5.7 combustible waste (refuse derived fuel) R1 M Weighed Offsite in Ireland Whithin the Country 19 12 10 No 9161.29 combustible waste (refuse derived fuel) R1 M Weighed Offsite in Ireland Whithin the Country 19 12 10 No 9161.29 combustible waste (refuse derived fuel) R1 M Weighed Offsite in Ireland Whithin the Country 19 12 10 No 9161.29 combustible waste (refuse derived fuel) R1 M Weighed Offsite in Ireland Whithin the Country 19 12 10 No 9161.29 combustible waste (refuse derived fuel) R1 M Weighed Offsite in Ireland Whithin the Country 19 12 10 No 9161.29 combustible waste (refuse derived fuel) R1 M Weighed Offsite in Ireland Whithin the Country 19 12 10 No 9161.29 combustible waste (refuse derived fuel) R1 M Weighed Offsite in Ireland Irish cement, P0030-06 Killastillen, Kinnegad, Meath, Ireland Platin Works, Platin Dropheda, Country Meath, Ireland Irish cement, P0030-06 Meath, Ireland Platin Works, Platin Dropheda, Country Meath, Ireland Plati	Within the Country	17 09 04	No	51.8 09 02 and 17 09 03	R13	M	Weighed	Offsite in Ireland	Ltd,W0053-03			
within the Country 17 09 04 No 33106.28 09 02 and 17 09 03 F13 M Weighed Offsite in Ireland Radh., Work and Country Within the Country 19 12 04 No 10.36 plastic and rubber D5 M Weighed Offsite in Ireland Radh., Work and Country Within the Country 19 12 07 No 13051.34 wood other than that mentioned in 19 12 06 R13 M Weighed Offsite in Ireland Radh., Work and Country Within the Country 19 12 07 No 13.28 wood other than that mentioned in 19 12 06 R13 M Weighed Offsite in Ireland Within the Country 19 12 10 No 25.7 combustible waste (refuse derived fuel) R13 M Weighed Offsite in Ireland Weighed Offsite in Ireland Radh., R				mirror construction and demolition wester								
Within the Country 17 0 9 0 4 No 33106.28 0 9 02 and 17 0 9 03 8 R13 M Weighed Offsite in Ireland Knockharley Landfill Knockharley Land												
Within the Country 19 12 04 No 10.36 plastic and rubber D5 M Weighed Offsite in Ireland Ltd,W0165-02 Starrus Eco Holdings Fassaroe, Bray, Co. Wicklow, Ireland Ltd,W0165-02 Starrus Eco Holdings Fassaroe, Bray, Co. Within the Country 19 12 07 No 13.28 wood other than that mentioned in 19 12 06 R13 M Weighed Offsite in Ireland Ltd,W0033-03 Ltd,	Within the Country	17 09 04	No		R13	M	Weighed	Offsite in Ireland	Panda W0140-02			
Within the Country 19 12 04 No 10.36 plastic and rubber D5 M Weighed Offste in Ireland Within the Country 19 12 07 No 3051.34 wood other than that mentioned in 19 12 06 R3 M Weighed Offste in Ireland Within the Country 19 12 07 No 13.28 wood other than that mentioned in 19 12 06 R3 M Weighed Offste in Ireland Within the Country 19 12 10 No 25.7 combustible waste (refuse derived fuel) R1 M Weighed Offste in Ireland Within the Country 19 12 10 No 1261.2 combustible waste (refuse derived fuel) R1 M Weighed Offste in Ireland Within the Country 19 12 10 No 1261.2 combustible waste (refuse derived fuel) R1 M Weighed Offste in Ireland Within the Country 19 12 10 No 1261.2 combustible waste (refuse derived fuel) R1 M Weighed Offste in Ireland Within the Country 19 12 10 No 1261.2 combustible waste (refuse derived fuel) R1 M Weighed Offste in Ireland Within the Country 19 12 10 No 1261.2 combustible waste (refuse derived fuel) R1 M Weighed Offste in Ireland Within the Country 19 12 10 No 1261.2 combustible waste (refuse derived fuel) R1 M Weighed Offste in Ireland Within the Country 19 12 10 No 1261.2 combustible waste (refuse derived fuel) R1 M Weighed Offste in Ireland Within the Country 19 12 10 No 1261.2 combustible waste (refuse derived fuel) R1 M Weighed Offste in Ireland Platin Works Platin Drogheda (Country Meath, Ireland Platin Works P	····aiiii aio oodiiai	00 0 .		00 100.20 00 02 and 11 00 00			Troignou	Onono in noidina	1 41144,110 110 02			
Within the Country 19 12 07 No 3051.34 wood other than that mentioned in 19 12 06 R13 M Weighed Offsite in Ireland Und, Widelphan Commel Waste Disposal Ltd Underwork (Rathdinagh) , Rathdinagh Deapuare , , ireland Numeradiae (Rathdinagh) , Rathdinagh Deapuare , Navan Country Within the Country 19 12 10 No 25.7 combustible waste (refuse derived fuel) R1 M Weighed Offsite in Ireland Panda, W0140-02 Mideath, Ireland Platin Works , Platin Drogheda , Country Mithin the Country 19 12 10 No 9161.29 combustible waste (refuse derived fuel) R1 M Weighed Offsite in Ireland Irish cement, P0030-06 Millaskiller, Kinnegad,Meath, Ireland Millaskiller, Kinnegad,Meath, Ireland Platin Works , Platin Works , Platin Drogheda , Country Mithin the Country 19 12 10 No 9161.29 combustible waste (refuse derived fuel) R1 M Weighed Offsite in Ireland Irish cement, P0030-06 Millaskiller, Kinnegad,Meath, Ireland Drogheda , Country Mithin the Country 19 12 10 No 639.34 combustible waste (refuse derived fuel) R1 M Weighed Offsite in Ireland Irish cement, P0030-06 Materials) from mechanical treatment of wastes (including mixtures of materials) from mechanical treatment of wastes derived fuel in 19 12 10 No 639.34 combustible waste (refuse derived fuel) R1 M Weighed Offsite in Ireland Irish cement, P0030-06 Materials) from mechanical treatment of wastes derived fuel in 19 12 10 No 639.34 combustible waste (refuse derived fuel) R1 M Weighed Offsite in Ireland Irish cement, P0030-06 Materials) from mechanical treatment of wastes derived fuel in 19 12 10 No 639.34 combustible waste (refuse derived fuel) R1 M Weighed Offsite in Ireland Irish cement, P0030-06 Materials) from mechanical treatment of wastes derived fuel in 19 12 10 No 639.34 combustible waste (r									Knockharley Landfill	Kilcandra,Co.		
Within the Country 19 12 07 No 3051.34 wood other than that mentioned in 19 12 06 R13 M Weighed Offsite in Ireland Clark Wood-02 Clommel Waste Disposal Ltd Lawlesstown, Clonmel Weishard Dispos	Within the Country	19 12 04	No	10.36 plastic and rubber	D5	M	Weighed	Offsite in Ireland		Wicklow,.,Ireland		
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Within the Country 19 12 10 No 25.7 combustible waste (refuse derived fuel) R13 M Weighed Offsite in Ireland Platin Works ,Platin , Drogheda ,Country	Within the Country	19 12 07	No	13.28 wood other than that mentioned in 19 12 06	R3	M	Weighed	Offsite in Ireland	,WP-008-02			
Within the Country 19 12 10 No 25.7 combustible waste (refuse derived fuel) R13 M Weighed Offsite in Ireland Panda,W0140-02 Meath.,Ireland Platin Works, Platin Drogheda County Meath, Ireland Killaskillen,Kinnegad., Meath, Platin Morks Platin Drogheda County Meath, Ireland Killaskillen,Kinnegad., Meath, Platin Morks Platin Morks Platin Drogheda County Meath, Ireland Killaskillen,Kinnegad., Meath, Platin Morks Platin Mo												
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Within the Country 19 12 10 No 4310.24 combustible waste (refuse derived fuel) R1 M Weighed Offsite in Ireland irish cement,P0030-06 Killaskillen,Kinnegad,Meath, Ireland Killaskillen,Kinnegad,Meath, Ireland Refused (refuse derived fuel) R1 M Weighed Offsite in Ireland Lagan Cement,P0487-05 Flatin (Drogheda Country Platin Works ,Platin (Rilaskillen,Kinnegad,Meath, Ireland (Rilaskillen,Kinnegad,Meath, Ireland Platin Works ,Platin (Rilaskillen,Kinnegad,Meath, Ireland (Rilaskillen,Kinnegad,) (Rilaskillen,Kinnegad,) (Rilaskillen,Kinnegad,) (Rilaskillen,Kinnegad,) (Rilaskillen,Kinnegad,) (Rilaskillen,Kinnegad,) (Rilaskillen,Kin	Within the Country	19 12 10	No	25.7 combustible waste (refuse derived fuel)	R13	M	Weighed	Offsite in Ireland	Panda.W0140-02			
Within the Country 19 12 10 No 4310.24 combustible waste (refuse derived fuel) R1 M Weighed Offsite in Ireland irish cement, P0030-06 Meath., ireland Killaskillen, Kinnegad., Meath, Platin Works , Platin	····aiiii aio oodiiai	10 12 10		20.1			Troignou	Onono in noidina				
Within the Country 19 12 10 No 9161.29 combustible waste (refuse derived fuel) R1 M Weighed Offsite in Ireland Lagan Cement,P0487-05 Relatin Morks ,Platin ,Drogheda ,County Meth.,ireland Scotchtown ,Ballyconnell ,Country 19 12 10 No 639.34 combustible waste (refuse derived fuel) R1 M Weighed Offsite in Ireland irish cement,P030-06 Meath.,ireland Scotchtown ,Ballyconnell ,Country Offsite in Ireland Union Cement,P0378-02 ,County Cavan,-,Ireland Scotchtown ,Ballyconnell ,Country Cavan,-,Ireland Starrus Eco Holdings Fassaroe,Bray,Co.										,Drogheda ,County		
Within the Country 19 12 10 No 9161.29 combustible waste (refuse derived fuel) R1 M Weighed Offsite in Ireland Lagan Cement,P0487-05 Ireland Platin Works ,Platin , Drogheda ,Country	Within the Country	19 12 10	No	4310.24 combustible waste (refuse derived fuel)	R1	M	Weighed	Offsite in Ireland	irish cement,P0030-06			
Within the Country 19 12 10 No 1261.2 combustible waste (refuse derived fuel) R1 M Weighed Offsite in Ireland irish cement, P0030-06 Meth., ireland Scotchtown ,Ballyconnell Within the Country 19 12 10 No 639.34 combustible waste (refuse derived fuel) R1 M Weighed Offsite in Ireland Quinn Cement, P0378-02 ,County Cavan, Ireland other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 Starrus Eco Holdings Fassaroe, Bray, Co.												
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Within the Country 19 12 10 No 1261.2 combustible waste (refuse derived fuel) R1 M Weighed Offsite in Ireland irish cement, P0030-06 Meath, ireland Scotchtown , Ballyconnell , Country Cavan, Ireland other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 Starrus Eco Holdings Fassaroe, Bray, Co.												
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Within the Country 19 12 10 No 639.34 combustible waste (refuse derived fuel) R1 M Weighed Offsite in Ireland Quinn Cement,P0378-02 ,County Cavan,-,freland other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 Starrus Eco Holdings Fassaroe,Bray,Co.	within the Country	19 12 10	INO	1201.2 combustible waste (refuse derived fuel)	KI	IVI	vveignea	Offsite in Ireland	man cement, P0030-06			
other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 Starrus Eco Holdings Fassaroe, Bray, Co.	Within the Country	19 12 10	No	639 34 combustible waste (refuse derived fuel)	R1	М	Weighed	Offsite in Ireland	Quinn Cement P0378-02			
materials) from mechanical treatment of wastes other than those mentioned in 19 12 Starrus Eco Holdings Fassaroe,Bray,Co.	r the country	.0 12 10	110				griou	Cone in inciding	Outlook, Out O 02	,, caran, mound		
Within the Country 19 12 12 No 22.04 11 R13 M Weighed Offsite in Ireland Ltd, W0053-03 Wicklow, ,, Ireland				wastes other than those mentioned in 19 12					Starrus Eco Holdings	Fassaroe, Bray, Co.		

			other wastes (including mixtures of						Nurendale (Rathdinagh),		
			materials) from mechanical treatment of						Rathdrinagh ,Beauparc		
Within the Country	19 12 12	No	wastes other than those mentioned in 19 12 31807.8 11	R13	М	Weighed	Officito in Iroland	Panda.W0140-02	,Navan County Meath.,Ireland		
within the Country	19 12 12	INU	other wastes (including mixtures of	KIS	IVI	Weighed	Olisite ili lielaliu	Fallua, VV0 140-02	Weath, ireland		
			materials) from mechanical treatment of						Stagrennan Polder ,Marsh		
			wastes other than those mentioned in 19 12					Drogheda Port Company	Road, Stagrennan,		
Within the Country	19 12 12	No	1840.9 11	R13	M	Weighed	Offsite in Ireland	,W0052-01	Drogheda Co Louth., Ireland		
Mari 1 0 1			coo co bis de ser deble bitabas and contra consta	D.10			0""	Norman de la Lineita d'MORGA DO	Cappagh Road ,Cappogue ,		
Within the Country	20 01 08	No	306.28 biodegradable kitchen and canteen waste	R13	М	Weighed	Offsite in Ireland	Nurendale Limited,W0261-02	Ballybeg Composting Facility		
								Acorn Recycling,WCP-KK-12			
Within the Country	20 01 08	No	1809.42 biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	583-01	,ireland		
, , , , , , , , , , , , , , , , , , , ,			•			3		Clonmel Waste Disposal Ltd	Lawlesstown , Clonmel ,Co.		
Within the Country	20 01 08	No	548.46 biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	,WP-008-02	Tipperary ,-,ireland		
								Enrich Environmental,WMP	Kilcock Co.		
Within the Country	20 01 08	No	29.04 biodegradable kitchen and canteen waste	R3	М	Weighed	Offsite in Ireland	2004/57	Kildare,,.,Ireland		
									Donegal Road ,Pettigo		
									,Co Donegal		
Within the Country	20 01 08	No	4919.72 biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	Envirogrind Ltd,WP0405	,Ireland,Ireland		
			-			-		O'Toole Composting,W0284-	Ballintrane Fenagh County		
Within the Country	20 01 08	No	352.01 biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	01	Carlow.,-,-,-,ireland		
			discounted at a series to and at a series							KMK Metals Recycling	Si ldt-i-l
			discarded electrical and electronic equipment other than those mentioned in 20						Cappincur Ind. Estate		Cappincur Industrial Estate, Daingean
			01 21 and and 20 01 23 containing					KMK Metals, NWCPO-08-			Road, Tullamore, Offaly, Irelan
Within the Country	20 01 35	Yes	12.24 hazardous components	R4	M	Weighed	Offsite in Ireland	10607-02	,ireland	d d	
								Starrus Eco Holdings	Fassaroe,Bray,Co.		
Within the Country	20 01 38	No	3272.769 wood other than that mentioned in 20 01 37	R13	М	Weighed	Offsite in Ireland	Ltd,W0053-03	Wicklow,.,Ireland		
									Cappagh Road ,Cappogue ,		
Within the Country	20 01 38	No	13.28 wood other than that mentioned in 20 01 37	R13	M	Weighed	Offsite in Ireland	Nurendale Limited, W0261-02			
,								Clonmel Waste Disposal Ltd			
Within the Country	20 01 38	No	1654.0 wood other than that mentioned in 20 01 37	R3	M	Weighed	Offsite in Ireland	,WP-008-02	Tipperary ,-,ireland		
									Ballymount Road		
Within the Country	20 01 39	No	1.2 plastics	R13	М	Maighad	Offsite in Ireland	IBB W0363 01	Walkinstown Dublin 12 Dublin.,-,-,-,Ireland		
Within the Country	20 01 39	INU	1.2 plastics	KIS	IVI	Weighed	Olisite ili lielaliu	II 10,00205-01	Ballymount Road		
									Walkinstown Dublin 12		
Within the Country	20 01 39	No	4.76 plastics	R13	M	Weighed	Offsite in Ireland	IPR,W0263-01	Dublin.,-,-,-,Ireland		
									Ballymount Road		
Middie de Commune	00.04.40	N.	44.00	D.4		Material	Official in Incland	IDD Mooco of	Walkinstown Dublin 12		
Within the Country	20 01 40	No	11.92 metals	R4	М	Weighed	Offsite in Ireland	IPR,W0263-01	Dublin.,-,-,-,Ireland Cappincur Ind. Estate,		
								KMK Metals.NWCPO-08-	Daingean Road ,Tullamore,-		
Within the Country	20 01 40	No	1.2 metals	R4	M	Weighed	Offsite in Ireland	10607-02	ireland		
									10 The Anchorage Business		
Mithin the Court	20.04.40	No	4474.44 motole	D4		Majahad	Official in Iroland	Davis Recycling Ltd.,W0134-			
Within the Country	20 01 40	No	4174.44 metals	R4	М	Weighed	Offsite in Ireland	01 Multi Metals,WFP-WW-09-	4,.,lreland .,.,Blessington,Co Wicklow		
Within the Country	20 01 40	No	139.68 metals	R4	M	Weighed	Offsite in Ireland	0014-01	,Ireland		
,						3		Enrich Environmental,WMP	Kilcock Co.		
Within the Country	20 02 01	No	2299.34 biodegradable waste	R3	M	Weighed	Offsite in Ireland	2004/57	Kildare,,,,,,Ireland		
									Donegal Road		
									,Pettigo ,Co Donegal		
Within the Country	20 02 01	No	175.54 biodegradable waste	R3	M	Weighed	Offsite in Ireland	Envirogrind Ltd,WP0405	,Ireland,Ireland		
•			-					Starrus Eco Holdings	Fassaroe,Bray,Co.		
Within the Country	20 03 01	No	180.9 mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Ltd,W0053-03	Wicklow,,,Ireland		
									Ballymount Baling Station		
								South Dublin County	,Ballymount Road ,Walkinstown ,Dublin		
Within the Country	20 03 01	No	1614.58 mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Council,W0003-03	12.,Ireland		
,			•			3			Ballymount		
1450 : 0	00.05.5		45.50	D.10			0""	D 1 14/000	Cross,Tallaght,Dublin 24,-		
Within the Country	20 03 01	No	45.56 mixed municipal waste	R13	М	Weighed	Offsite in Ireland	Panda,W039-02	,ireland		

Within the Country 20 03 01 No 2112.64 mixed municipal waste Dis M Weighed Offste in Ireland Bord na Mona., WC201-30 Klader profiled and Salynagans. Landfull Calculus, Celebrat Salynagans. Landfull Salynagans. Codebg & Salynagans. Landfull Salynagans. Codebg & Salynagans. Landfull Salynagans. Landfull Salynagans. Codebg & Salynagans. Landfull Salynagans. Landfull Salynagans. Codebg & Salynagans. Landfull Salynagans. Codebg & Salynagans. Landfull Salynagans. Landfull Salynagans. Codebg & Salynagans. Landfull Salynagans. Codebg & Salynagans. Landfull										
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Value of the Country 20 03 01 No	Within the Country	20 03 01	No	75.26 mixed municipal waste	R13	М	Weighed	Offsite in Ireland	Nurendale Limited, W0261-02	
Sellyhagan Laerdill White the Country 20 03 01 No 714732 mixed municipal waste R13 M Weighed Offste in Ireland Lift MVM Marke to Energy White the Country 20 03 01 No 250.56 mixed municipal waste R13 M Weighed Offste in Ireland Lift MVM Marke to Energy White the Country 20 03 01 No 250.56 mixed municipal waste R13 M Weighed Offste in Ireland Ireland Lift MVM Marke to Energy White the Country 20 03 01 No 4524.53 mixed municipal waste R13 M Weighed Offste in Ireland Ir	Within the Country	20.03.01	No	2112 64 mixed municipal waste	D5	М	Weighed	Offsite in Ireland	Bord na Mona W0201-03	
While the Country 20 03 01 No 7147.32 mixed municipal waste R13 M Weighed Offstein intelled Livro (154.22 mixed municipal waste Pipon House R13 M Weighed Offstein intelled Livro (154.22 mixed municipal waste R13 M Weighed Offstein intelled Livro (154.22 mixed municipal waste R13 M Weighed Offstein intelled Livro (154.22 mixed municipal waste R13 M Weighed Offstein intelled Livro (154.22 mixed municipal waste R13 M Weighed Offstein intelled Livro (154.22 mixed municipal waste R13 M Weighed Offstein intelled Livro (154.22 mixed municipal waste R13 M Weighed Offstein intelled Livro (154.22 mixed municipal waste R13 M Weighed Offstein intelled Livro (154.22 mixed municipal waste R13 M Weighed Offstein intelled Livro (154.22 mixed municipal waste R13 M Weighed Offstein intelled Livro (154.22 mixed municipal waste R13 M Weighed Offstein intelled Livro (154.22 mixed municipal waste R13 M Weighed Offstein intelled R14.00 mixed Municipal waste R13 M Weighed Offstein intelled R14.00 mixed Municipal waste R13 M Weighed Offstein intelled R14.00 mixed Municipal waste R13 M Weighed Offstein intelled R14.00 mixed Municipal waste R13 M Weighed Offstein intelled R14.00 mixed Municipal waste R14.00 mixed Municipal waste R15.00 mixed	within the Country	20 03 01	INO	2112.04 Mixed Municipal waste	DS	IVI	weighed	Offsite III freiafid	Bord Ha Worla.,W0201-03	
Within the Country 20 03 01 No 15.3 mixed municipal waste R1									Ballynagran Landfill	
Within the Country 20 30 1	Within the Country	20 03 01	No	7147.32 mixed municipal waste	D5	M	Weighed	Offsite in Ireland	Ltd,W0165-02	Wicklow,.,Ireland
Within the Country 20 03 01 No 45649 53 mixed municipal waste R13 M Weighed Offsite in Ireland Within the Country 20 03 01 No 4562 56 mixed municipal waste R13 M Weighed Offsite in Ireland R15-WOK23-201 Dublin // Life in Ireland R15-WOK23-201 Dublin // Shepherland R15-WOK23-201 Dublin // Shepherla										
Within the Country 20 30 11 No 250 56 mixed municipal waste R1 M Weighed Offsite in Ireland Within the Country 20 30 11 No 250 56 mixed municipal waste R1 M Weighed Offsite in Ireland Rallymount Road Within the Country 20 30 11 No 4532.85 mixed municipal waste R1 M Weighed Offsite in Ireland Rallymount Road Within the Country 20 30 11 No 5498.15 mixed municipal waste R1 M Weighed Offsite in Ireland Rallymount Road Within the Country 20 30 11 No 250.56 mixed municipal waste R1 M Weighed Offsite in Ireland Rallymount Road Within the Country 20 30 11 No 250.56 mixed municipal waste R1 M Weighed Offsite in Ireland Rallymount Road Within the Country 20 30 11 No 21.38 mixed municipal waste R1 M Weighed Offsite in Ireland Rallymount Road Within the Country 20 30 30 No 271.14 street-cleaning residues R13 M Weighed Offsite in Ireland Rallymount Road Within the Country 20 30 30 No 271.14 street-cleaning residues R13 M Weighed Offsite in Ireland Rallymount Road Within the Country 20 30 30 No 271.44 street-cleaning residues R13 M Weighed Offsite in Ireland Rallymount Road Within the Country 20 30 30 No 271.45 street-cleaning residues R13 M Weighed Offsite in Ireland Rallymount Road Within the Country 20 30 30 No 271.45 street-cleaning residues R13 M Weighed Offsite in Ireland Rallymount Road Within the Country 20 30 30 No 271.45 street-cleaning residues R13 M Weighed Offsite in Ireland Rallymount Road Within the Country Rad Rallymount Road Ra	Within the Country	20 03 01	No	15.3 mixed municipal waste	R13	M	Weighed	Offsite in Ireland	,WP-008-02	
Within the Country 20 30 11 No 45649.53 mixed municipal waste R1 M Weighed Offsite in Ireland United ,W0232-01 Dublin 4, Ireland Ballymount Road Watkinstown Dublin 12 Dublin 4, Ireland Ballymount Ro									Dublin Wasta to Engrav	
Within the Country 20 03 01 No 250.56 mixed municipal waste R13 M Weighed Offset in Ireland IRR,W0253-01 Dublin,, Ireland Cardanstrown, Dublin 12 Dubli	Within the Country	20.03.01	No	45649 53 mixed municipal waste	D1	M	Weighed	Offeite in Ireland		
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Within the Country 20 03 01 No 4532.85 mixed municipal waste										
Within the Country 20 03 01 No 4532.85 mixed municipal waste P1 M Weighed Offsite in Ireland Country 20 03 01 No 5499.15 mixed municipal waste D5 M Weighed Offsite in Ireland Country D6 No 15.32 mixed municipal waste P13 M Weighed Offsite in Ireland Country D7 No	Within the Country	20 03 01	No	250.56 mixed municipal waste	R13	M	Weighed	Offsite in Ireland	IPR,W0263-01	Dublin.,-,-,-,Ireland
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No 9.62 bulky waste

* Select a row by double-clicking the Description of Waste then click the delete button

