Access Waste Recycling

Annual Environmental Report

2011

License No.	W0227-01
Reporting Period:	1st January to 31st December 2011
Submission Date:	23rd March 2012

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1. Introduction

The following information represents the environmental performance of Lawlor Brothers (Waste Disposal) Ltd. t/a Access Waste Recycling in the period from the 1st of January 2011 to 31st of December 2011.

We welcome the Agency's new AER reporting templates which have been used for this AER. The majority of our emissions monitoring in 2011 was compliant, with the exception of some issues relating to elevated dust levels which have since been resolved. As part of our environmental management programme for 2012, these issues will be monitored further to ensure we maintain a satisfactory level of compliance. Also an updated organisational chart is enclosed in this report which depicts the changes made to our environmental management team in 2011.

Since receiving our EPA license (W0227-01) in 2007, we have continued with our commitment to minimize potential environmental impact as a result of our operations and to develop our business in a sustainable manner. The recent economic crisis has resulted in additional pressures on many industries, most notably the waste industry. Despite this, we have maintained a level of reasonable environmental compliance throughout while continuing to express a desire to cooperate fully with the Agency on all matters.

We look forward to meeting the further challenges presented to us in 2012 and working closely with the Agency to overcome same.

Kind Regards,

Niall Lawlor

Director

Lawlor Brother's (Waste Disposal) Ltd. t/a Access Waste Recycling

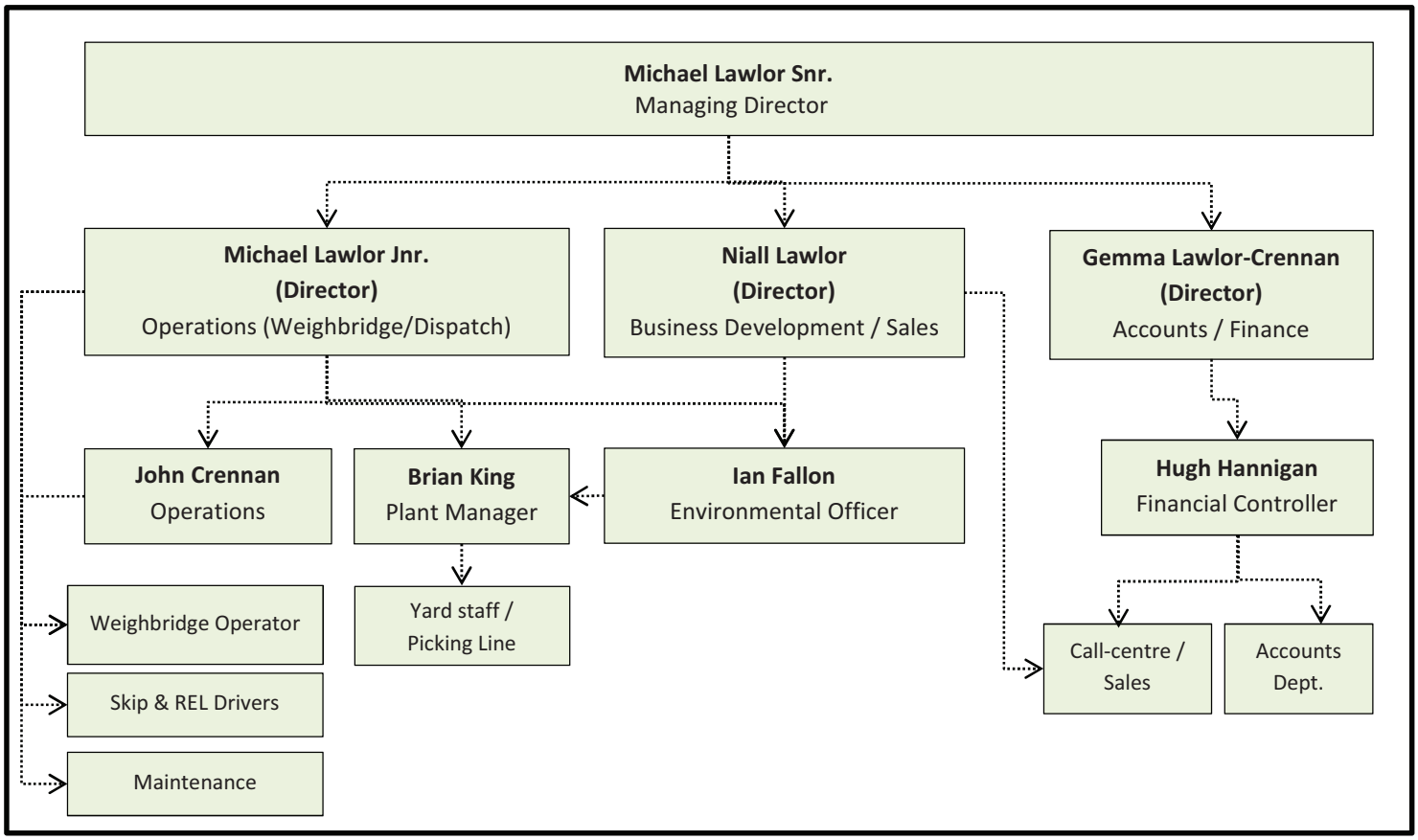
2. Summary Information

The following AER templates provided by the Agency have been completed where applicable and are enclosed;

2.1. Facility Summary Information
2.2. Air
2.3. Water & Wastewater
2.4. Bund testing (general)
2.5. Complaints-Incidents
2.6. Groundwater & Contaminated Land
2.7. ELRA
2.8. EMP
2.9. Noise
2.10. Resource-Energy
2.11. Waste
2.12. PRTR Return for 2011 data

2.1.1. Environmental Management - Organisational Chart

Ian Fallon replaced Robert Kane as the company's environmental officer in June 2011. This has led to a review of the company's organisational chart as follows;



Facility Information Summary

Licence Register Number	W0227-01
Name of site	Lawlor Brothers (Waste Diposal) Ltd. T/A Access Waste Recycling
Site Location	Unit 28 John F Kennedy Road, JFK Industrial Estate, Naas Road, Dublin 12
NACE Code	3832
Class of Activity	Class 11, 12 & 13 (Third schedule of Waste Management Acts 1996 to 2005) Class 2, 3, 4 & 13 (Fourth schedule of Waste Management Acts 1996 to 2005)
RBME risk category	B3
National Grid Reference (6E, 6 N)	+53° 19' 40.13", -6° 21' 24.57"
A brief description of the activities/process at the site for the reporting year. This should include information such as production increases or decreases on site, any infrastructural changes, environmental performance improvements which were measured during the reporting year;	Acceptance and pre-sorting of non-hazardous household, commercial, industrial and C&D skip wastes. Mechanical sorting achieved by way of trommel, screening, windshifters and picking line. Segregated fractions are then sent offiste to suitably licensed facilities for further recycling/recovery/disposal Monitoring carried out to measure dust levels, stormwater and foulwater emissions. Both storm and foulwater drainage systems are fitted with interceptors and are subject to periodic integrity testing as part of PM schedule. All waste entering and leaving site is subject to checks and weighing at weighbridge with all records available.

Declaration:

All the data and information presented in this report has been checked and certified as being accurate. The quality of the information is assured to meet licence requirements.

Signature Group/Facility manager (or nominated, suitably qualified and experienced deputy)	23-MARCH-2012 Date

AER summary template-AIR emissions

			Additional information
1	Does your site have licensed air emissions? If yes please complete table 1, 2 and 3 below for the current reporting year and answer further questions. If **you do not have** licenced emissions and **do not complete a solvent management plan** (table 5 and 6) you only need to complete table 1 fugitive emissions on site below	No	

Table 1 Fugitive emissions

Parameter /Substance	Annual fugitive emission (kg/annum)	Quantificaton method M/C/E
SELECT		SELECT

Periodic/Non-Continuous Monitoring

2	Are there any results in breach of licence requirements? If yes please provide brief details in the comment section of Table 2 below		Yes	
3	Was all monitoring carried out in accordance with EPA guidance note AG2 and using the basic air monitoring checklist?	Basic air monitoring checklist	Yes	

Table 2: Licensed Mass Emissions/Ambient data-periodic monitoring (non-continuous)

Emission reference no:	Parameter/ Substance	Date of Monitoring	ELV in licence or any revision therof	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence limit	Method of analysis	Annual mass load (kg)	% change in mass load from previous year +/-	Comments
D1	Dust	21-Apr-2011 to 19-May-2011	350	SELECT	22.4	mg/m2/day	yes	Bergerhoff Gauge			
D2	Dust	21-Apr-2011 to 19-May-2011	350	SELECT	52.4	mg/m2/day	yes	Bergerhoff Gauge			
D3	Dust	21-Apr-2011 to 19-May-2011	350	SELECT	22.9	mg/m2/day	yes	Bergerhoff Gauge			
D1	Dust	02-June-2011 to 01-July-2011	350	SELECT	1380	mg/m2/day	No	Bergerhoff Gauge			
D2	Dust	02-June-2011 to 01-July-2011	350	SELECT	386	mg/m2/day	No	Bergerhoff Gauge			
D3	Dust	02-June-2011 to 01-July-2011	350	SELECT	211	mg/m2/day	yes	Bergerhoff Gauge			
D1	Dust	05-Sept-2011 to 04-Oct-2011	350	SELECT	859	mg/m2/day	No	Bergerhoff Gauge			

D2	Dust	05-Sept-2011 to 04-Oct-2011	350	SELECT	372	mg/m2/day	No	Bergerhoff Gauge			
D3	Dust	05-Sept-2011 to 04-Oct-2011	350	SELECT	499	mg/m2/day	No	Bergerhoff Gauge			

Note 1: Volumetric flow shall be included as a reportable parameter

Continuous Monitoring

4	Does your site carry out continuous air emissions monitoring?	No	
	If yes please review your continuous monitoring data and report the required fields below in Table 3 and compare it to its relevant Emission Limit Value (ELV)		
5	Did continuous monitoring equipment experience downtime? If yes please record downtime in table 3 below	SELECT	
6	Do you have a proactive service agreement for each piece of continuous monitoring equipment?	SELECT	
7	Did your site experience any abatement system bypasses? If yes please detail them in table 4 below	SELECT	

Table 3: Summary of average emissions -continuous monitoring

Emission reference no:	Parameter/ Substance	ELV in licence or any revision therof	Averaging Period	Compliance Criteria	Units of measurement	Annual Emission	Annual maximum	Monitoring Equipment downtime (hours)	% compliance current reporting year	Comments
	SELECT			SELECT	SELECT					

note 1: Volumetric flow shall be included as a reportable parameter.

Table 4: Abatement system bypass reporting table

Bypass protocol

Date*	Duration** (hours)	Location	Reason for bypass	Corrective action

* this should include all dates that an abatement system bypass occurred

** an accurate record of time bypass beginning and end should be logged on site and maintained for future Agency inspections please refer to bypass protocol link

8 Do you have a total Emission Limit Value of direct and fugitive emissions on site? if yes please fill out table 5

SELECT	

Table 5: Solvent Management Plan Summary Total VOC Emission limit value			Solvent regulations	Please refer to linked solvent regulations to complete table 5 and 6	
Reporting year	Total solvent input on site (kg)	Total VOC emissions to Air from entire site (direct and fugitive)	Total VOC emissions as %of solvent input	Total Emission Limit Value (ELV) in licence or any revision therof	Compliance
					SELECT
					SELECT

Table 6: Solvent Mass Balance summary

	(I) Inputs (kg)	(O) Outputs (kg)						
Solvent	(I) Inputs (kg)	Organic solvent emission in waste gases(kg)	Solvents lost in water (kg)	Collected waste solvent (kg)	Fugitive Organic Solvent (kg)	Solvent released in other ways e.g. by-passes (kg)	Solvents destroyed onsite through physical reaction e.g. incineration(kg)	Total emission of Solvent to air (kg)
							Total	

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)

Yes No

			Additional information
1	Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table 3 and 4 below for the current reporting year and answer further questions. If	Yes	
2	Was it a requirement of your licence to carry out visual inspections on any surface water	Yes	

Table 1 Ambient monitoring

Location reference	Location relative to site activities	PRTR Parameter	Licenced Parameter	Monitoring date	ELV or trigger level in licence or any revision thereof*	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Comments
	SELECT	SELECT	SELECT			SELECT		SELECT	SELECT	

*trigger values may be agreed by the Agency outside of licence conditions

Table 2 Visual inspections-Please only enter details where contamination was observed.

Location Reference	Date of inspection	Description of contamination	Source of contamination	Corrective action	Comments
FW9	16-Jun-11	Blockage clearance cuasing slight oily film	site	Jetting and scouring of lines arranged	
FW9	17-Jun-11	Oily colour noticed	site	Jetting and scouring of lines arranged	
FW9	20-Jun-11	Oily colour noticed	site	Jetting and scouring of lines arranged	
FW9	21-Jun-11	Heavy silt at FW causing blockage	site	Jetting and scouring of lines arranged	Additional mesh was installed at the tr
FW9	23-Jun-11	FW lines cleared following scouring/jetting	site	No action required	

Licensed Emissions to water and /or wastewater(sewer)-periodic monitoring (non-continuous)

					Additional information
3	Was there any result in breach of licence requirements? If yes please provide brief details in the comment section of Table 3 below			No	
4	Was all monitoring carried out in accordance with EPA guidance and checklists for Quality of Aqueous Monitoring Data Reported to the EPA? If no please detail what areas require improvement	External /Internal Lab Quality checklist	Assessment of results checklist	Yes	

Table 3: Licensed Emissions to water and /or wastewater (sewer)-periodic monitoring (non-continuous)

Emission reference no:	Emission released to	Parameter/ SubstanceNote 1	Type of sample	Date of Monitoring	Averaging period	ELV or trigger values in licence or any revision thereof[Note 2]	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Method of analysis	Procedural reference source	Procedural reference standard number	Annual mass load (kg)	% change in mass load from previous year +/-	Comments
FW9	Wastewater/Sewer	pH	discrete	Q1 - 18-Jan-11	Quarterly	ph 6-10	No pH value shall deviate from the specified range.	7.2	pH units	yes	pH Meter (Electrode)	Manufacturer method				
SW1	Water	pH	discrete	Q1 - 11-Mar-11	Quarterly	ph 6-10	No pH value shall deviate from the specified range.	7	pH units	yes	pH Meter (Electrode)	Manufacturer method				
FW9	Wastewater/Sewer	COD	discrete	Q1 - 18-Jan-11	Quarterly	3000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	44	mg/L	yes	Digestion + Spectrophotometry	EN ISO	ISO 6060-1989			
SW1	Water	COD	discrete	Q1 - 11-Mar-11	Quarterly	3000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	482	mg/L	yes	Digestion + Spectrophotometry	EN ISO	ISO 6060-1989			
FW9	Wastewater/Sewer	BOD	discrete	Q1 - 18-Jan-11	Quarterly	1000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	8.47	mg/L	yes	Dissolved Oxygen Meter (Electrode)	APHA / AWWA "Standard Methods"	Determination of BOD5 (ATU) Filtered by Oxygen Meter on liquids			
FW9	Wastewater/Sewer	Suspendid Solids	discrete	Q1 - 18-Jan-11	Quarterly	1000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	25.5	mg/L	yes	Gravimetric analysis	APHA / AWWA "Standard Methods"	Method 2540D AWWA/APHA, 20th Ed 1999 / BS 2690 Part 120 1981; BS EN 872			
SW1	Water	Suspendid Solids	discrete	Q1 - 11-Mar-11	Quarterly	1000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	350	mg/L	yes	Gravimetric analysis	APHA / AWWA "Standard Methods"	Method 2540D AWWA/APHA, 20th Ed 1999 / BS 2690 Part 120 1981; BS EN 872			
FW9	Wastewater/Sewer	Mineral Oils	discrete	Q1 - 18-Jan-11	Quarterly	10	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	0.258	mg/L	yes	Other (please describe)					EPH in waters
SW1	Water	Mineral Oils	discrete	Q1 - 11-Mar-11	Quarterly	10	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	see comment	mg/L	yes	Other (please describe)					EPH in waters
FW9	Wastewater/Sewer	Phosphates	discrete	Q1 - 18-Jan-11	Quarterly	100	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	0.112	mg/L	yes	Digestion + Spectrophotometry	US EPA	325.1 & 325.2			
FW9	Wastewater/Sewer	Detergents as MBAS	discrete	Q1 - 18-Jan-11	Quarterly	100	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	0.339	mg/L	yes	Other (please describe)					Determination of Methylene Blue Active Substances in Waters
FW9	Wastewater/Sewer	Oils, Fats & Greases	discrete	Q1 - 18-Jan-11	Quarterly	100	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	2.12	mg/L	yes	Other (please describe)					Infra-Red Spectroscopy
SW1	Water	Total Ammonia as NH3	discrete	Q1 - 11-Mar-11	Quarterly	not specified	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	2.85	mg/L	yes	Digestion + Spectrophotometry	B.S. (British Standard)	BS2690 Part 7:1968 / BS 6068: Part 2 11: 1984			

FW9	Wastewater/Sewer	pH	discrete	Q2 - 25-May-11	Quarterly	ph 6-10	No pH value shall deviate from the specified range.	7.2	pH units	yes	pH Meter (Electrode)	Manufacturer method				
SW1	Water	pH	discrete	Q2 - 23-May-11	Quarterly	ph 6-10	No pH value shall deviate from the specified range.	6.8	pH units	yes	pH Meter (Electrode)	Manufacturer method				
FW9	Wastewater/Sewer	COD	discrete	Q2 - 25-May-11	Quarterly	3000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	28.1	mg/L	yes	Digestion + Spectrophotometry	EN ISO	ISO 6060-1989			
SW1	Water	COD	discrete	Q2 - 23-May-11	Quarterly	3000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	120	mg/L	yes	Digestion + Spectrophotometry	EN ISO	ISO 6060-1989			
FW9	Wastewater/Sewer	BOD	discrete	Q2 - 25-May-11	Quarterly	1000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	2.57	mg/L	yes	Dissolved Oxygen Meter (Electrode)	APHA / AWWA "Standard Methods"	BOD5 (ATU) Filtered by Oxygen Meter on			
FW9	Wastewater/Sewer	Suspendid Solids	discrete	Q2 - 25-May-11	Quarterly	1000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	19.4	mg/L	yes	Gravimetric analysis	APHA / AWWA "Standard Methods"	Method 2540D AWWA/APHA, 20th Ed 1999 / BS 2690 Part 120 1981; BS EN 872			
SW1	Water	Suspendid Solids	discrete	Q2 - 23-May-11	Quarterly	1000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	215	mg/L	yes	Gravimetric analysis	APHA / AWWA "Standard Methods"	Method 2540D AWWA/APHA, 20th Ed 1999 / BS 2690 Part 120 1981; BS EN 872			
FW9	Wastewater/Sewer	Mineral Oils	discrete	Q2 - 25-May-11	Quarterly	10	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	0.0308	mg/L	yes	Other (please describe)					EPH in waters
SW1	Water	Mineral Oils	discrete	Q2 - 23-May-11	Quarterly	10	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	1.07	mg/L	yes	Other (please describe)					EPH in waters
FW9	Wastewater/Sewer	Phosphates	discrete	Q2 - 25-May-11	Quarterly	100	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	<0.05	mg/L	yes	Digestion + Spectrophotometry	US EPA	325.1 & 325.2			
FW9	Wastewater/Sewer	Detergents as MBAS	discrete	Q2 - 25-May-11	Quarterly	100	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	0.16	mg/L	yes	Other (please describe)					Determination of Methylene Blue Active Substances in Waters
FW9	Wastewater/Sewer	Oils, Fats & Greases	discrete	Q2 - 25-May-11	Quarterly	100	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	<1	mg/L	yes	Other (please describe)					Infra-Red Spectroscopy
SW1	Water	Total Ammonia as NH3	discrete	Q2 - 23-May-11	Quarterly	not specified	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	0.846	mg/L	yes	Digestion + Spectrophotometry	B.S. (British Standard)	BS2690 Part 7:1968 / BS 6068: Part 2 11: 1984			
FW9	Wastewater/Sewer	pH	discrete	Q3 - 23-May-11	Quarterly	ph 6-10	No pH value shall deviate from the specified range.	7.4	pH units	yes	pH Meter (Electrode)	Manufacturer method				
SW1	Water	pH	discrete	Q3 - 09-Sept-11	Quarterly	ph 6-10	No pH value shall deviate from the specified range.	7.01	pH units	yes	pH Meter (Electrode)	Manufacturer method				
FW9	Wastewater/Sewer	COD	discrete	Q3 - 23-May-11	Quarterly	3000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	239	mg/L	yes	Digestion + Spectrophotometry	EN ISO	ISO 6060-1989			
SW1	Water	COD	discrete	Q3 - 09-Sept-11	Quarterly	3000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	538	mg/L	yes	Digestion + Spectrophotometry	EN ISO	ISO 6060-1989			
FW9	Wastewater/Sewer	BOD	discrete	Q3 - 23-May-11	Quarterly	1000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	119	mg/L	yes	Dissolved Oxygen Meter (Electrode)	APHA / AWWA "Standard Methods"	BOD5 (ATU) Filtered by Oxygen Meter on			
FW9	Wastewater/Sewer	Suspendid Solids	discrete	Q3 - 23-May-11	Quarterly	1000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	756	mg/L	yes	Gravimetric analysis	APHA / AWWA "Standard Methods"	Method 2540D AWWA/APHA, 20th Ed 1999 / BS 2690 Part 120 1981; BS EN 872			
SW1	Water	Suspendid Solids	discrete	Q3 - 09-Sept-11	Quarterly	1000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	622	mg/L	yes	Gravimetric analysis	APHA / AWWA "Standard Methods"	Method 2540D AWWA/APHA, 20th Ed 1999 / BS 2690 Part 120 1981; BS EN 872			
FW9	Wastewater/Sewer	Mineral Oils	discrete	Q3 - 23-May-11	Quarterly	10	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	1.97	mg/L	yes	Other (please describe)					EPH in waters
SW1	Water	Mineral Oils	discrete	Q3 - 09-Sept-11	Quarterly	10	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	0.21	mg/L	yes	Other (please describe)					EPH in waters
FW9	Wastewater/Sewer	Phosphates	discrete	Q3 - 23-May-11	Quarterly	100	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	0.129	mg/L	yes	Digestion + Spectrophotometry	US EPA	325.1 & 325.2			
FW9	Wastewater/Sewer	Detergents as MBAS	discrete	Q3 - 23-May-11	Quarterly	100	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	0.17	mg/L	yes	Other (please describe)					Determination of Methylene Blue Active Substances in Waters
FW9	Wastewater/Sewer	Oils, Fats & Greases	discrete	Q3 - 23-May-11	Quarterly	100	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	46.1	mg/L	yes	Other (please describe)					Infra-Red Spectroscopy
SW1	Water	Total Ammonia as NH3	discrete	Q3 - 09-Sept-11	Quarterly	not specified	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	1.66	mg/L	yes	Digestion + Spectrophotometry	B.S. (British Standard)	BS2690 Part 7:1968 / BS 6068: Part 2 11: 1984			
FW9	Wastewater/Sewer	pH	discrete	Q4 - 05-Dec-11	Quarterly	ph 6-10	No pH value shall deviate from the specified range.	7.46	pH units	yes	pH Meter (Electrode)	Manufacturer method				

SW1	Water	pH	discrete	Q4 - 30-Nov-11	Quarterly	ph 6-10	No pH value shall deviate from the specified range.	7.36	pH units	yes	pH Meter (Electrode)	Manufacturer method				
FW9	Wastewater/Sewer	COD	discrete	Q4 - 05-Dec-11	Quarterly	3000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	750	mg/L	yes	Digestion + Spectrophotometry	EN ISO	ISO 6060-1989			
SW1	Water	COD	discrete	Q4 - 30-Nov-11	Quarterly	3000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	31.9	mg/L	yes	Digestion + Spectrophotometry	EN ISO	ISO 6060-1989			
FW9	Wastewater/Sewer	BOD	discrete	Q4 - 05-Dec-11	Quarterly	1000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	19.8	mg/L	yes	Dissolved Oxygen Meter (Electrode)	APHA / AWWA "Standard Methods"	BOD5 (ATU) Filtered by Oxygen Meter on			
FW9	Wastewater/Sewer	Suspendid Solids	discrete	Q4 - 05-Dec-11	Quarterly	1000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	23	mg/L	yes	Gravimetric analysis	APHA / AWWA "Standard Methods"	Method 2540D AWWA/APHA, 20th Ed 1999 / BS 2690 Part 120 1981; BS EN 872			
SW1	Water	Suspendid Solids	discrete	Q4 - 30-Nov-11	Quarterly	1000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	131	mg/L	yes	Gravimetric analysis	APHA / AWWA "Standard Methods"	Method 2540D AWWA/APHA, 20th Ed 1999 / BS 2690 Part 120 1981; BS EN 872			
FW9	Wastewater/Sewer	Mineral Oils	discrete	Q4 - 05-Dec-11	Quarterly	10	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	0.865	mg/L	yes	Other (please describe)					EPH in waters
SW1	Water	Mineral Oils	discrete	Q4 - 30-Nov-11	Quarterly	10	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	<1	mg/L	yes	Other (please describe)					EPH in waters
FW9	Wastewater/Sewer	Phosphates	discrete	Q4 - 05-Dec-11	Quarterly	100	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	<0.05	mg/L	yes	Digestion + Spectrophotometry	US EPA	325.1 & 325.2			
FW9	Wastewater/Sewer	Detergents as MBAS	discrete	Q4 - 05-Dec-11	Quarterly	100	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	0.29	mg/L	yes	Other (please describe)					Determination of Methylene Blue Active Substances in Waters
FW9	Wastewater/Sewer	Oils, Fats & Greases	discrete	Q4 - 05-Dec-11	Quarterly	100	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	1.56	mg/L	yes	Other (please describe)					Infra-Red Spectroscopy
SW1	Water	Total Ammonia as NH3	discrete	Q4 - 30-Nov-11	Quarterly	not specified	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	0.663	mg/L	yes	Digestion + Spectrophotometry	B.S. (British Standard)	BS2690 Part 7:1968 / BS 6068: Part 2 11: 1984			
SW1	Water	Suspendid Solids	discrete	14/02/2011	Weekly	1000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	45	mg/L	yes	Gravimetric analysis	APHA / AWWA "Standard Methods"	Method 2540D AWWA/APHA, 20th Ed 1999 / BS 2690 Part 120 1981; BS EN 872			
SW1	Water	pH	discrete	07/06/2011	Weekly	ph 6-10	No pH value shall deviate from the specified range.	7.3	mg/L	yes	pH Meter (Electrode)	Manufacturer method				
SW1	Water	Conductivity	discrete	07/06/2011	Weekly	not specified	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	920	µS/cm@25oC	yes	Conductivity Meter (Electrode)	Manufacturer method				
SW1	Water	Suspendid Solids	discrete	07/06/2011	Weekly	1000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	304	mg/L	yes	Gravimetric analysis	APHA / AWWA "Standard Methods"	Method 2540D AWWA/APHA, 20th Ed 1999 / BS 2690 Part 120 1981; BS EN 872			
SW1	Water	pH	discrete	17/06/2011	Weekly	ph 6-10	No pH value shall deviate from the specified range.	7	mg/L	yes	pH Meter (Electrode)	Manufacturer method				
SW1	Water	Conductivity	discrete	17/06/2011	Weekly	not specified	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	800	µS/cm@25oC	yes	Conductivity Meter (Electrode)	Manufacturer method				
SW1	Water	Suspendid Solids	discrete	17/06/2011	Weekly	1000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	142	mg/L	yes	Gravimetric analysis	APHA / AWWA "Standard Methods"	Method 2540D AWWA/APHA, 20th Ed 1999 / BS 2690 Part 120 1981; BS EN 872			
SW1	Water	pH	discrete	24/06/2011	Weekly	ph 6-10	No pH value shall deviate from the specified range.	8.33	mg/L	yes	pH Meter (Electrode)	Manufacturer method				
SW1	Water	Conductivity	discrete	24/06/2011	Weekly	not specified	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	0.672	µS/cm@25oC	yes	Conductivity Meter (Electrode)	Manufacturer method				
SW1	Water	Suspendid Solids	discrete	24/06/2011	Weekly	1000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	47.4	mg/L	yes	Gravimetric analysis	APHA / AWWA "Standard Methods"	Method 2540D AWWA/APHA, 20th Ed 1999 / BS 2690 Part 120 1981; BS EN 872			
SW1	Water	COD	discrete	24/06/2011	Weekly	3000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	104	mg/L	yes	Digestion + Spectrophotometry	EN ISO	ISO 6060-1989			
SW1	Water	Mineral Oils	discrete	24/06/2011	Weekly	10	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	0.838	mg/L	yes	Other (please describe)					EPH in waters

Note 1: Volumetric flow shall be included as a reportable parameter

Note 2: Where Emission Limit Values (ELV) do not apply to your licence please compare results against EQS for Surface water or relevant receptor quality standards

Continuous monitoring

			Additional Information
5	Does your site carry out continuous emissions to water/sewer monitoring?	No	
	If yes please summarise your continuous monitoring data below in Table 4 and compare it to its relevant Emission Limit Value (ELV)		
6	Did continuous monitoring equipment experience downtime? **If yes please record downtime in table**	SELECT	
7	Do you have a proactive service contract for each piece of continuous monitoring equipment on site?	SELECT	
8	Did abatement system bypass occur during the reporting year? **If yes please complete table 5 below**	SELECT	

Table 4: Summary of average emissions -continuous monitoring

Emission reference no:	Emission released to	Parameter/ Substance	ELV or trigger values in licence or any revision thereof	Averaging Period	Compliance Criteria	Units of measurement	Annual Emission for current reporting year (kg)	% change +/- from previous reporting year	Monitoring Equipment downtime (hours)	% compliance current reporting year	Comments
	SELECT	SELECT		SELECT	SELECT	SELECT					
	SELECT	SELECT		SELECT	SELECT	SELECT					

note 1: Volumetric flow shall be included as a reportable parameter.

Table 5: Abatement system bypass reporting table

Date	Duration (hours)	Location	Resultant emissions	Reason for bypass	Corrective action*	Was a report submitted to the EPA?	When was this report submitted?
						SELECT	

*Measures taken or proposed to reduce or limit bypass frequency

Bund/pipe testing report summary ALL IPPC/WASTE licensed facilities | **Intensive agriculture facilities please use alternative template**

Bund testing

dropdown menu click to see options

			Additional information
1	Are you required by your licence to undertake integrity testing on bunds and containment structures ? if yes please fill out table 1 below listing all bunds and containment structures on site	Yes	
2	Please provide integrity testing frequency period	3 years	
3	Does the site maintain a register of bunds, underground pipelines (including stormwater and foul), Tanks, sumps and containers? (containers refers to "Chemstore" type units and mobile bunds)	Yes	

Table 1: Summary details of bund integrity test

Bund/Containment structure ID	Type	Specify Other type	Product containment	Actual capacity	Capacity required*	Type of integrity test	Other test type	Test date	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
B1 - Waste oil bund	prefabricated		Waste Oil	0.4 m3	0.275 m3	Other (please specify)	Hydrostatic and structural assessment	16-Dec-09	Yes	Pass		SELECT		
B2 - Waste paint bund	prefabricated		Waste Paint Drums	0.4 m3	0.275 m3	Other (please specify)	Hydrostatic and structural assessment	16-Dec-09	Yes	Pass		SELECT		
B3 - Battery Box	prefabricated		Waste Batteries	1 m3	n/a	Other (please specify)	Hydrostatic and structural assessment	20-Jan-12	Yes	Pass		SELECT		
B4 - Battery Box	prefabricated		Waste Batteries	1 m3	n/a	Other (please specify)	Hydrostatic and structural assessment	20-Jan-12	Yes	Pass		SELECT		
B5 - Powerwash Bund	prefabricated		Detergent	0.3 m3	0.0275 m3	Other (please specify)	Hydrostatic and structural assessment	20-Jan-12	Yes	Pass		SELECT		
T1 - Diesel (yard machir	other (please specify)	Pre-fabricated double skin	Road diesel	5 m3	n/a	Other (please specify)	Hydrostatic and structural assessment	08-Nov-10	Yes	Pass		SELECT		
T2 - Diesel (road fleet)	other (please specify)	Pre-fabricated double skin	Road diesel	20 m3	n/a	Other (please specify)	Hydrostatic and structural assessment	01-Nov-10	Yes	Pass		SELECT		
T3 - Kerosene (admin h	other (please specify)	Pre-fabricated double skin	Heating oil	1.1 m3	n/a	Other (please specify)	Hydrostatic and structural assessment	08-Jun-12	Yes	Pass		SELECT		
T4 - Leachate Tank	reinforced concrete		Waste leachate	9 m3	n/a	Other (please specify)	Hydrostatic and structural assessment	20-Jan-12	Yes	Pass		SELECT		

* Capacity required should comply with 25% or 110% containment rule asdetailed in your licence

			Commentary
4	Has integrity testing been carried out in accordance with licence requirements and are all structures tested in line with BS8007/EPA Guidance?	Yes	
5	Are channels/transfer systems to remote containment systems tested?	Yes	
6	Are channels/transfer systems compliant in both integrity and available volume?	Yes	
7	Do all sumps and chambers have high level liquid alarms?	Yes	
8	If yes to Q7 are these failsafe systems included in a maintenance and testing programme?	Yes	

bunding and storage guidelines

Pipeline/underground structure testing

1	Are you required by your licence to undertake integrity testing on underground structures e.g. pipelines or sumps etc ? if yes please fill out table 2 below listing all underground structures and pipelines on site	Yes	
2	Please provide integrity testing frequency period	3 years	

Table 2: Summary details of underground structures/pipeline integrity test

Structure ID	Type system	Material of construction:	Does this structure have Secondary containment?	Type of secondary containment	Type integrity testing	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
FW system	Foul	pvc	No	SELECT	CCTV	Yes	Pass				SELECT
SW system	Storm	pvc	No	SELECT	CCTV	Yes	Pass				SELECT

Please use commentary for additional details not answered by tables/ questions above

Complaints

Have you received any environmental complaints in the current reporting year? If yes please complete summary details of complaints received on site in table 1 below	No	Additional information

Table 1 Complaints summary

Date	Category	Other type (please specify)	Brief description of complaint (Free txt <20 words)	Corrective action< 20 words	Resolution status	Resolution date	Further information
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		

Total complaints open at start of reporting year	
Total new complaints received during reporting year	
Total complaints closed during reporting year	
Balance of complaints end of reporting year	

Incidents

Have any incidents occurred on site in the current reporting year? Please list all incidents for current reporting year in Table 2 below	Yes	Additional information

*For information on how to report and what constitutes an incident	What is an incident

Table 2 Incidents summary

Date of occurrence	Incident nature	Location of occurrence	Incident category*please refer to guidance	Receptor	Cause of incident	Other cause(please specify)	Activity in progress at time of incident	Communication	Occurrence	Corrective action<20 words	Preventative action <20 words	Resolution status	Resolution date	Liklihood of reoccurence
02-June-2011 to 01-July-2011	Breach of ELV	Licenced discharge point (D1	1. Minor	Air	Adverse weather		Normal activities	EPA	New	Increased dust supress	Ensure dust su	Ongoing	04-Aug-11	Medium
02-June-2011 to 01-July-2011	Breach of ELV	Licenced discharge point (D2	1. Minor	Air	Adverse weather		Normal activities	EPA	New	Increased dust supress	Ensure dust su	Ongoing	04-Aug-11	Medium
05-Sept-2011 to 04-Oct-2011	Breach of ELV	Licenced discharge point (D1	1. Minor	Air	Operational controls		Normal activities	EPA	Recurring	Repair dust supression	Implement hou	Complete	14-Oct-11	Medium
05-Sept-2011 to 04-Oct-2011	Breach of ELV	Licenced discharge point (D2	1. Minor	Air	Operational controls		Normal activities	EPA	Recurring	Repair dust supression	Implement hou	Complete	14-Oct-11	Medium
05-Sept-2011 to 04-Oct-2011	Breach of ELV	Licenced discharge point (D3	1. Minor	Air	Operational controls		Normal activities	EPA	Recurring	Repair dust supression	Implement hou	Complete	14-Oct-11	Medium

Total number of incidents current year	5
Total number of incidents previous year	0
% reduction/ increase	100%

Groundwater /Contaminated land summary report

			Comments
1	Are you required to carry out groundwater monitoring as part of your licence requirements?	no	
2	Are you required to carry out soil monitoring as part of your licence requirements?	no	
3	Do you extract groundwater for use on site? If yes please specify use in comment section	no	
4	Is there contaminated land and /or groundwater on site? If yes please answer q's 5-12	no	
5	Is the contamination related to operations at the facility (either current and/or historic)	no	
6	Have actions been taken to address contamination issues?If yes please summarise remediation strategies proposed/undertaken for the site	SELECT	
7	Please specify the proposed time frame for the remediation strategy	SELECT	
8	Is there a licence condition to carry out/update ELRA for the site?	SELECT	
9	Has any type of risk assesment been carried out for the site?	SELECT	
10	Has a Conceptual Site Model been developed for the site?	SELECT	
11	Have potential receptors been identified on and off site?	SELECT	
12	Is there evidence that contamination is migrating offsite?	SELECT	

Table 1: Upgradient Groundwater monitoring results

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration++	Average Concentration+	unit	GTV's*	SELECT**	% change in average concentration previous year +/-	Upward trend in pollutant concentration over last 5 years of monitoring data
							SELECT				SELECT
							SELECT				SELECT

.+ where average indicates arithmetic mean

.++ maximum concentration indicates the maximum measured concentration from all monitoring results produced during the reporting year

Table 2: Downgradient Groundwater monitoring results

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit	GTV's*	SELECT**	% change in average concentration previous year +/-	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
							SELECT				SELECT
							SELECT				SELECT

* please note exceedance of a relevant Groundwater threshold value (GTV) at a representative monitoring point does not indicate non compliance, an exceedance triggers further investigation to confirm whether the criteria for poor groundwater chemical status are being met.

**Depending on location of the site and proximity to other sensitive receptors alternative Receptor based Water Quality standards should be used in addition to the GTV e.g. if the site is close to surface water compare to Surface Water Environmental Quality Standards (SWEQS), If the site is close to a drinking water supply compare results to the Drinking Water Standards (DWS)

Surface water EQS | Groundwater regulations GTV's | Drinking water (private supply) standards | Drinking water (public supply) standards | Interim Guideline Values (IGV)

Table 3: Soil results

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit
							SELECT
							SELECT

Where additional detail is required please enter it here in 200 words or less

Environmental Liability Risk Assessment

			Commentary
1	Is it a requirement of your licence to complete an ELRA?	Yes	
2	Has an initial ELRA been submitted to and approved by the Agency?	Yes	
3	Please enter the date of submission of the initial ELRA	11th March 2008	Completed by WYG consultants
4	Date of most recent substantial ELRA update	11th March 2008	ELRA/CRAMP/FP update not warranted as no significant changes have been made to site infrastrucutre / processes since initial submission
5	What financial instrument/s do you have in place to cover unknown liabilities?	Insurance	Cover of up to €6.5million for any one incident
6	Has this financial instrument/s been verified by the Agency?	Yes	Detailed in previous AER submissions
7	What is the date of expiry of this financial instrument?		Insurance policy renews annually
8	Date of next required review of the ELRA?	tbc	This will be carried out once significant changes to site are made

9 Please list the top 10 risks assessed on your site in table 1 below

Table 1 ELRA summary information

	Click here to access EPA guidance on ELRA	Operational Risk Assessment Category	3							
					Mitigation measures to reduce risk			ELRA		
	Risk ID	Potential hazards	Environmental effect	Previous risk score	Action	Date of implementation of mitigation measures	Comment	Revised Risk score for current reporting year	ELRA costing	Does the current financial provision (FP) cover the risk score?
e.g										
	SELECT			SELECT	SELECT			SELECT		SELECT
	SELECT			SELECT	SELECT			SELECT		SELECT
	SELECT			SELECT	SELECT			SELECT		SELECT
	SELECT			SELECT	SELECT			SELECT		SELECT
	SELECT			SELECT	SELECT			SELECT		SELECT
	SELECT			SELECT	SELECT			SELECT		SELECT
	SELECT			SELECT	SELECT			SELECT		SELECT
	SELECT			SELECT	SELECT			SELECT		SELECT
	SELECT			SELECT	SELECT			SELECT		SELECT
	SELECT			SELECT	SELECT			SELECT		SELECT
	SELECT			SELECT	SELECT			SELECT		SELECT
	Total			SELECT	SELECT			SELECT		SELECT

Closure Restoration Aftercare Management Plan/ Restoration plan (CRAMP/RP)

1	Was a closure or restoration plan a requirement of the licence?	Yes	
2	Has a closure plan submission been approved by the Agency?	Yes	
3	What is the timescale for submission?		
4	What financial instrument do you have in place to cover known liabilities?	Insurance	
5	What is the date of expiry of this financial instrument?	Renewed Annually	
6	What is the status of implementation of the plan?	6 months	

Table 2 CRAMP summary information (NON Landfill)

Date of submission of plan	Risk category	Closure plan in place	Clean closure	Restoration Aftercare Management Plan	Change in Risk category since previous year	Increase in risk category	Does the current financial provision cover the risk score?	Value of current financial provision for site
11-Mar-08	3	Yes	Yes	Yes	No	No	Yes	upt to 6.5million EURO for any once incident

	Environmental Management Programme (EMP)/Continuous Improvement Programme		
	Highlighted cells contain dropdown menu click to view		Additional Information
1	Do you maintain an Environmental Mangement System for the site. If yes, please detail in additional information	Yes	
2	Does the EMS reference the most significant environmental aspects and associated impacts on-site	Yes	
3	Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance with the licence requirements	Yes	
4	Do you maintain an environmental documentation/communication system to inform the public on environmental performance of the facility, as required by the licence	Yes	

Environmental Management Programme (EMP) report

Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
Reduction of emissions to Air	Improve dust supression Review infrastructure	50	Existing dust supression repai	Section Head	Improvement of dust supression system
Reduction of emissions to Water	Eliminate waste deposits in	50	Development of housekeeping SOP to include tracked checksheets Review of infrastructure	Section Head	Improved Environmental Management Practices
Reduce levels of waste to landfill	Investigate feasability of sen	100	Reviewed and scheduling load	Section Head	
Reduce levels of waste to landfill	Investigate feasability of usi	30	In early stages of investigation	Section Head	
Energy Efficiency/Utility conservation	Implement resource manage	30	Separate plan drafted and bei	Section Head	Improved Environmental Management Practices
Additional improvements	Improve EMS system	30	Review of efficiencies in progr	Section Head	Improved Environmental Management Practices
Additional improvements	Improve communication and	30	Drafting format at present	Section Head	
Additional improvements	Implement training schedule	70	Final stages of implementatio	Section Head	Improved Environmental Management Practices

Noise Monitoring Report Summary

1	Was noise monitoring a licence requirement for the AER period? If yes please fill in table 1 noise summary below	Yes
2	Was noise monitoring carried out using the EPA Guidance note including completion of the "Checklist for noise measurement report" included in the guidance note as table 6? (Draft Noise Guidance)	Yes
3	Does your site have a noise reduction plan	No
4	When was the noise reduction plan last updated?	
5	Have there been changes relevant to site noise emissions (e.g. plant or operational changes) since the last noise survey?	No

Table 1: Noise monitoring summary

Date of monitoring	Time period	Noise location (on site)	Noise sensitive location -NSL (if applicable)	LA_{eq}	LA_{90}	LA_{10}	LA_{max}	Tonal or Impulsive noise* (Y/N)	If tonal /impulsive noise was identified was 5dB penalty applied?	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is site compliant with noise limits (day/evening/night)?
12-Dec-11	Day (15.56 to 1	n/a	N1 - outside bungalow on killeen road	73.8dB	62.3dB (A)	78.4dB (A)	95.6	No	No	Traffic on Killeen road d	Yes
12-Dec-11	Night (22.14 - 2	n/a	N1 - outside bungalow on killeen road	67.3dB	52.1dB (A)	71.8dB (A)	87.5	No	No	Traffic on Killeen road d	Yes

*Please ensure that a tonal analysis has been carried out as per guidance note NG4. These records must be maintained onsite for future inspection

If noise limits exceeded as a result of noise attributed to site activities, please choose the corrective action from the following options? SELECT

** please explain the reason for not taking action/resolution of noise issues?
Any additional comments? (less than 200 words)

Resource usage/ Energy Efficiency

			Additional information
1	When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below	2011	management plan in place for 2012
2	Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI programme linked to the right? If yes please list them in additional information	SEAI - Large Industry Energy Network (LIEN) no	
3	Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information	SELECT	

Table 1 Energy usage on site

Energy Use	Previous year kWh	Current year kWh	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total	189,405	191,814	3% reduction in incoming waste	
Electricity	189,405	191,814		
Fossil Fuels:				
Heavy Fuel Oil				
Light Fuel Oil	3518L	4725L		
Natural gas				
Coal/Solid fuel				
Renewable energy generated on site	0	0		

* where consumption of energy can be compared to overall site production please enter this information as percentage increase or decrease compared to the previous reporting year.
** where site production information is available please enter percentage increase or decrease compared to previous year

Table 2 Water usage on site

Water use	Previous year m3/yr.	Current year m3/yr.	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Groundwater	0	0		
Surface water	0	0		
Public supply	480	396		
Total	480	396	3% reduction in incoming waste	

* where consumption of water can be compared to overall site production please enter this information as percentage increase or decrease compared to the previous reporting year.
** where site production information is available please enter percentage increase or decrease compared to previous year

Table 3: Energy Audit finding recommendations

Date of audit	Recommendations	Description of Measures proposed	Origin of measures	Predicted energy savings %	Implementation date	Responsibility	Completion date	Status and comments
			SELECT					
			SELECT					
			SELECT					

SECTION A-PRTR WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES

PRTR facility logon

dropdown list click to see options

SECTION B- WASTE ACCEPTED ONTO SITE-TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES

			Additional Information
1	Were any wastes accepted onto your site for recovery or disposal or treatment prior to recovery or disposal within the boundaries of your facility ?; (waste generated within your boundaries is to be captured through PRTR reporting) If yes please enter details in table 1 below	No	
2	Did your site have any rejected consignments of waste in the current reporting year? If yes please give a brief explanation in the additional information	No	
3	Was waste accepted onto your site that was generated outside the Republic of Ireland? If yes please state the quantity in tonnes in additional information	No	

Table 1 Details of waste accepted onto your site for recovery, disposal or treatment (do not include wastes generated at your site, as these will have been reported in your PRTR workbook)

	Licenced annual tonnage limit for your site (total tonnes/annum)	EWC code European Waste Catalogue EWC codes	Source of waste accepted	Description of waste accepted **Please enter an accurate and detailed description - which** European Waste Catalogue EWC codes	Quantity of waste accepted in current reporting year (tonnes)	Quantity of waste accepted in previous reporting year (tonnes)	Reduction/Increase over previous year +/ - %	Reason for reduction/increase from previous reporting year	Packaging Content (%)- only applies if the waste has a packaging component	Disposal/Recovery or treatment operation carried out at your site and the description of this operation	Quantity of waste remaining on site at the end of reporting year (tonnes)	Comments -
E.g.		*07 05 04**	*07- WASTES FROM ORGANIC CHEMICAL PROCESSES*	*other organic solvents, washing liquids and mother liquors*	*22*	*12*	83%		*0%*	*SELECT*		*Brought onto site from sister IPPC plant*
E.g.		*20 01 08*	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS*	*biodegradable kitchen and canteen waste*	*10*	*20*	50%		*0%*	*SELECT*		
			SELECT				#DIV/0!			*SELECT*		
			SELECT				#DIV/0!			*SELECT*		

SECTION C-TO BE COMPLETED BY ALL WASTE FACILITIES (waste transfer stations, Composters, Material recovery facilities etc) EXCEPT LANDFILL SITES

4	Is all waste processing infrastructure as required by your licence and approved by the Agency in place? If no please list waste processing infrastructure required onsite	Yes SELECT	
5	Is all waste storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on site	Yes	
6	Does your facility have relevant nuisance controls in place?	Yes	
7	Do you have an odour management system in place for your facility? If no why?	Yes	
8	Do you maintain a sludge register on site?	N/A	

SECTION D-TO BE COMPLETED BY LANDFILL SITES ONLY

Table 2 Waste type and tonnage-landfill only

	Waste types permitted for disposal	Authorised/licenced annual intake for disposal (tpa)	Actual intake for disposal in reporting year (tpa)	Remaining licensed capacity at end of reporting year (m3)	Comments
e.g.	Household (residual)	30,000	22,000		
e.g.	Industrial non hazardous solids	500	60	120,000	

Table 3 General information-Landfill only

Area ID	Date landfilling commenced	Date landfilling ceased	Currently landfilling	Private or Public Operated	Inert or non-hazardous	Predicted date to cease landfilling	Licence permits asbestos	Is there a separate cell for asbestos?	Accepted asbestos in reporting year	Total disposal area occupied by waste	Lined disposal area occupied by waste	Unlined area	Comments on liner type
										SELECT UNIT	SELECT UNIT	SELECT UNIT	
Cell 8													

Table 4 Environmental monitoring-landfill or Landfill Manual-Monitoring Standards

Was meterological monitoring in compliance with Landfill Directive (LD) standard in reporting year +	Was leachate monitored in compliance with LD standard in reporting year	Was Landfill Gas monitored in compliance with LD standard in reporting year	Was SW monitored in compliance with LD standard in reporting year	Have GW trigger levels been established	Were emission limit values agreed with the Agency (ELVs)	Was topography of the site surveyed in reporting year	Has the statement under S53(A)(5) of WMA been submitted in reporting year	Comments

.+ please refer to Landfill Manual linked above for relevant Landfill Directive monitoring standards

Table 5 Capping-Landfill only

Area uncapped*	Area with temporary cap	Area with final cap to LD Standard m2 ha, a	Area capped other	Area with waste that should be permanently capped to date under licence	What materials are used in the cap	Comments
SELECT UNIT	SELECT UNIT					

*please note this includes daily cover area

Table 6 Leachate-Landfill only

9	Is leachate from your site treated in a Waste Water Treatment Plant?	SELECT
10	Is leachate released to surface water? If yes please complete leachate mass load information below	SELECT

Volume of leachate in reporting year(m3)	Leachate (BOD) mass load (kg/annum)	Leachate (COD) mass load (kg/annum)	Leachate (NH4) mass load (kg/annum)	Leachate (Chloride) mass load kg/annum	Leachate treatment on-site	Specify type of leachate treatment	Comments

Please ensure that all information reported in the landfill gas section is consistent with the Landfill Gas Survey submitted in conjunction with PRTR returns

Table 7 Landfill Gas-Landfill only

Gas Captured&Treated by LFG System m3	Power generated (MW / KWh)	Used on-site or to national grid	Was surface emissions monitoring performed during the reporting year?	Comments
			SELECT	

Guidance to completing the PRTR workbook

AER Returns Workbook

Version 1.1.13

REFERENCE YEAR	2011

1. FACILITY IDENTIFICATION

Parent Company Name	Lawlor Brothers Waste Disposal Ltd t/a Access Skip Hire
Facility Name	Lawlor Brothers Waste Disposal Ltd t/a Access Skip Hire
PRTR Identification Number	W0227
Licence Number	W0227-01

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.
4.13	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	Unit 28
Address 2	John F Kennedy Road
Address 3	JFK Industrial Estate, Naas Road
Address 4	Dublin 12
	Dublin
Country	Ireland
Coordinates of Location	-6.35672 53.3273
River Basin District	IEEA
NACE Code	3832
Main Economic Activity	Recovery of sorted materials
AER Returns Contact Name	Ian Fallon
AER Returns Contact Email Address	environmental@accesswaste.ie
AER Returns Contact Position	Environmental Officer
AER Returns Contact Telephone Number	014277709
AER Returns Contact Mobile Phone Number	n/a
AER Returns Contact Fax Number	014500835
Production Volume	0.0
Production Volume Units	0
Number of Installations	1
Number of Operating Hours in Year	2000
Number of Employees	50
User Feedback/Comments	
Web Address	www.accesswaste.ie

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?	No
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 ?	

0

4.1 RELEASES TO AIR

Link to previous years emissions data

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

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

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

SECTION B : REMAINING PRTR POLLUTANTS

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

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

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

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

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

Additional Data Requested from Landfill operators

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

Landfill: Lawlor Brothers Waste Disposal Ltd t/a Access Skip Hire

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

4.2 RELEASES TO WATERS

Link to previous years emissions data

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 this only concerns Releases from your facility

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

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

SECTION B : REMAINING PRTR POLLUTANTS

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

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

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

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

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

SECTION A : PRTR POLLUTANTS

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

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

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

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

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

4.4 RELEASES TO LAND

Link to previous years emissions data

SECTION A : PRTR POLLUTANTS

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

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

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

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

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

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used					
Within the Country	15 01 01	No	16.76	paper and cardboard packaging	R12	M	Weighed	Offsite in Ireland	Thorntons Recycling Centre,W0044-02	Killeen Road,Ballyfermot,Dublin,10,Ireland		
Within the Country	16 01 03	No	27.26	end-of-life tyres	R12	M	Weighed	Offsite in Ireland	Crumbrubber Ltd.,WFP-LH-10-0005-01	Mooretown,Dromiskin,Dundalk,Co. Louth,Ireland		
Within the Country	16 05 05	No	3.48	gases in pressure containers other than those mentioned in 16 05 04	R13	M	Weighed	Offsite in Ireland	Calor Gas c/o Eurohaul,n/a	Greenhills Road,Tallaght,Dublin,24,Ireland		
Within the Country	**17 02 01**	**No**	1674.8	wood	R11	M	Weighed	Offsite in Ireland	Greenstar Ballynagran Residual Landfill,W0165-01	Ballynagran,Coolbeg Cross,Co. Wicklow,.,Ireland		
Within the Country	17 04 01	No	0.12	copper, bronze, brass	R4	M	Weighed	Offsite in Ireland	National Metal Recycling Ltd. T/A National Recycling,WFP-DS-10-0005-01	Station Road,Clondalkin,Dublin,22,Ireland		
Within the Country	17 04 02	No	1.22	aluminium	R4	M	Weighed	Offsite in Ireland	National Metal Recycling Ltd. T/A National Recycling,WFP-DS-10-0005-01	Station Road,Clondalkin,Dublin,22,Ireland		
Within the Country	17 04 11	No	1.58	cables other than those mentioned in 17 04 10	R4	M	Weighed	Offsite in Ireland	National Metal Recycling Ltd. T/A National Recycling,WFP-DS-10-0005-01	Station Road,Clondalkin,Dublin,22,Ireland		
Within the Country	17 06 05	Yes	1.62	construction materials containing asbestos (18)	D15	M	Weighed	Offsite in Ireland	Rilta Environmental Ltd.,W0192-02	Block 402 Grant's Drive,Greenogue Business Park,Rathcoole,Co. Dublin,Ireland	Rilta Environmental Ltd.,W0192-02,Block 402,Grant's Drive Greenogue Business Park,Rathcoole,Co. Dublin,Ireland	Block 402,Grant's Drive Greenogue Business Park,Rathcoole,Co. Dublin,Ireland
Within the Country	17 09 04	No	35.3	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R12	M	Weighed	Offsite in Ireland	Allaway Recycling,WP98058	84E Pigeon House Road,Ringsend,Dublin,4,Ireland		
Within the Country	17 09 04	No	23.48	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R12	M	Weighed	Offsite in Ireland	Greenstar Ballynagran Residual Landfill,W0165-01	Ballynagran,Coolbeg Cross,Co. Wicklow,.,Ireland		
Within the Country	17 09 04	No	226.26	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R12	M	Weighed	Offsite in Ireland	Thorntons Recycling Centre,W0044-02	Killeen Road,Ballyfermot,Dublin,10,Ireland		
Within the Country	19 11 06	No	17.14	sludges from on-site effluent treatment other than those mentioned in 19 11 05	D9	M	Weighed	Offsite in Ireland	Thorntons Recycling Centre,W0044-02	Killeen Road,Ballyfermot,Dublin,10,Ireland		
Within the Country	19 12 02	No	153.08	ferrous metal	R4	M	Weighed	Offsite in Ireland	Multimetals,WFP-WW-09-0014-01	Bollarney,The Murrough,Wicklow Town,.,Ireland		
Within the Country	19 12 02	No	959.5	ferrous metal	R4	M	Weighed	Offsite in Ireland	National Metal Recycling Ltd. T/A National Recycling,WFP-DS-10-0005-01	Station Road,Clondalkin,Dublin,22,Ireland		
Within the Country	19 12 03	No	7.48	non-ferrous metal	R4	M	Weighed	Offsite in Ireland	National Metal Recycling Ltd. T/A National Recycling,WFP-DS-10-0005-01	Station Road,Clondalkin,Dublin,22,Ireland		
Within the Country	19 12 03	No	0.52	non-ferrous metal	R4	M	Weighed	Offsite in Ireland	National Metal Recycling Ltd. T/A National Recycling,WFP-DS-10-0005-01	Station Road,Clondalkin,Dublin,22,Ireland		
Within the Country	19 12 03	No	20.74	non-ferrous metal	R12	M	Weighed	Offsite in Ireland	National Metal Recycling Ltd. T/A National Recycling,WFP-DS-10-0005-01	Station Road,Clondalkin,Dublin,22,Ireland		
Within the Country	19 12 03	No	9.1	non-ferrous metal	R4	M	Weighed	Offsite in Ireland	National Metal Recycling Ltd. T/A National Recycling,WFP-DS-10-0005-01	Station Road,Clondalkin,Dublin,22,Ireland		
Within the Country	19 12 04	No	25.04	plastic and rubber	R12	M	Weighed	Offsite in Ireland	C-Green Plastic Recycling Ltd.,WFP-WW-10-0019-01	Block 1 Unit 1,Broomhill Business Park,Rathnew,Co. Wicklow,Ireland		
Within the Country	19 12 04	No	9.04	plastic and rubber	R12	M	Weighed	Offsite in Ireland	Panda,W0261-01	Cappagh Road,Finglas,Dublin,11,Ireland		
Within the Country	19 12 04	No	7.52	plastic and rubber	R12	M	Weighed	Offsite in Ireland	Oxigen,W00208-1	Ballymount Industrial Estate,Ballymount Road Lower,Clondalkin,Dublin 22,Ireland		

Within the Country	19 12 04	No	12.7	plastic and rubber	R12	M	Weighed	Offsite in Ireland	Polymer Recovery,WFP-LS-09-0007-01	Portarlington Industrial Estate,East Canal Road,Portarlington,Co. Laois,Ireland			
Within the Country	19 12 04	No	2.3	plastic and rubber	R12	M	Weighed	Offsite in Ireland	Thorntons Recycling Centre,W0044-02	Killeen Road,Ballyfermot,Dublin,10,Ireland			
Within the Country	19 12 07	No	30.7	wood other than that mentioned in 19 12 06	R11	M	Weighed	Offsite in Ireland	OCR Waste Management,WFP-RN-10-0001-01	Office 2,Roxborough,.,Co. Roscommon,Ireland			
Within the Country	19 12 07	No	200.32	wood other than that mentioned in 19 12 06	R11	M	Weighed	Offsite in Ireland	Ray Gough,Private Land Owner	Suncroft,.,.,Co. Kildare,Ireland			
Within the Country	19 12 07	No	979.1	wood other than that mentioned in 19 12 06	R11	M	Weighed	Offsite in Ireland	Greenstar KTK Landfill Ltd.,W0081-04	Brownstown and Carnalway,Kilcullen,Co. Kildare,.,Ireland			
Within the Country	19 12 07	No	619.98	wood other than that mentioned in 19 12 06	R11	M	Weighed	Offsite in Ireland	Thorntons Recycling Centre,W0044-02	Killeen Road,Ballyfermot,Dublin,10,Ireland			
Within the Country	19 12 09	No	2054.54	minerals (for example sand, stones)	R11	M	Weighed	Offsite in Ireland	Greenstar Ballynagran Residual Landfill,W0165-01	Ballynagran,Coolbeg Cross,Co. Wicklow,.,Ireland			
Within the Country	19 12 09	No	804.18	minerals (for example sand, stones)	R11	M	Weighed	Offsite in Ireland	Greenstar Ballynagran Residual Landfill,W0165-01	Ballynagran,Coolbeg Cross,Co. Wicklow,.,Ireland			
Within the Country	19 12 09	No	9728.64	minerals (for example sand, stones)	R11	M	Weighed	Offsite in Ireland	Greenstar KTK Landfill Ltd.,W0081-04	Brownstown and Carnalway,Kilcullen,Co. Kildare,.,Ireland			
Within the Country	19 12 09	No	533.54	minerals (for example sand, stones)	R11	M	Weighed	Offsite in Ireland	Greenstar KTK Landfill Ltd.,W0081-04	Brownstown and Carnalway,Kilcullen,Co. Kildare,.,Ireland			
Within the Country	19 12 09	No	242.02	minerals (for example sand, stones)	R11	M	Weighed	Offsite in Ireland	Greenstar KTK Landfill Ltd.,W0081-04	Brownstown and Carnalway,Kilcullen,Co. Kildare,.,Ireland			
Within the Country	19 12 09	No	25.28	minerals (for example sand, stones)	R11	M	Weighed	Offsite in Ireland	Roadstone,WPR025-3	Belgard Quarry,Fortunestown,Tallaght,Dublin 24,Ireland			
Within the Country	19 12 09	No	9065.08	minerals (for example sand, stones)	R11	M	Weighed	Offsite in Ireland	Roadstone,WPR025-3	Belgard Quarry,Fortunestown,Tallaght,Dublin 24,Ireland			
Within the Country	19 12 12	No	1280.08	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	D1	M	Weighed	Offsite in Ireland	Greenstar Ballynagran Residual Landfill,W0165-01	Ballynagran,Coolbeg Cross,Co. Wicklow,.,Ireland			
Within the Country	19 12 12	No	1117.3	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	D1	M	Weighed	Offsite in Ireland	Greenstar KTK Landfill Ltd.,W0081-04	Brownstown and Carnalway,Kilcullen,Co. Kildare,.,Ireland			
Within the Country	19 12 12	No	17.96	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R12	M	Weighed	Offsite in Ireland	Oxigen,W00208-1	Ballymount Industrial Estate,Ballymount Road Lower,Clondalkin,Dublin 22,Ireland			
Within the Country	19 12 12	No	3789.2	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R12	M	Weighed	Offsite in Ireland	Thorntons Recycling Centre,W0044-02	Killeen Road,Ballyfermot,Dublin,10,Ireland			
Within the Country	20 01 11	No	2.26	textiles	R12	M	Weighed	Offsite in Ireland	Textile Recycling Ltd. ,n/a	504 A Grants Drive,Greenogue Business Park,Greenogue Industrial Estate,Dublin 24,Ireland			
Within the Country	20 01 23	Yes	12.82	discarded equipment containing chlorofluorocarbons	R4	M	Weighed	Offsite in Ireland	Rehab Recycling,WFP-DS-10-0008-01	Unit 77 Broomhill Road,Tallaght,Dublin,24,Ireland	Rehab Recycling,WFP-DS-10-0008-01,Unit 77 Broomhill Road,Tallaght,Dublin,24,Ireland	Unit 77 Broomhill Road,Tallaght,Dublin,24,Ireland	
Within the Country	20 01 35	Yes	18.72	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and and 20 01 23 containing hazardous components	R4	M	Weighed	Offsite in Ireland	Rehab Recycling,WFP-DS-10-0008-01	Unit 77 Broomhill Road,Tallaght,Dublin,24,Ireland	Rehab Recycling,WFP-DS-10-0008-01,Unit 77 Broomhill Road,Tallaght,Dublin,24,Ireland	Unit 77 Broomhill Road,Tallaght,Dublin,24,Ireland	

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

Link to previous years waste data
Link to previous years waste summary data & percentage change