

# Annual Environmental Report 2013



License No. W0227-01

**Reporting Period**: 1<sup>st</sup> January to 31<sup>st</sup> December 2013

**Submission Deadline:** 31<sup>st</sup> March 2014

#### **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.

Kind Regards,

Niall Lawlor

Director

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

AER 2013

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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 2013 to 31st of

December 2013.

We welcome the Agency's new AER reporting templates which have been used for this AER. The

majority of our emissions monitoring in 2013 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 2014, 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 2013.

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 2014 and working closely with

the Agency to overcome same.

Kind Regards,

**Niall Lawlor** 

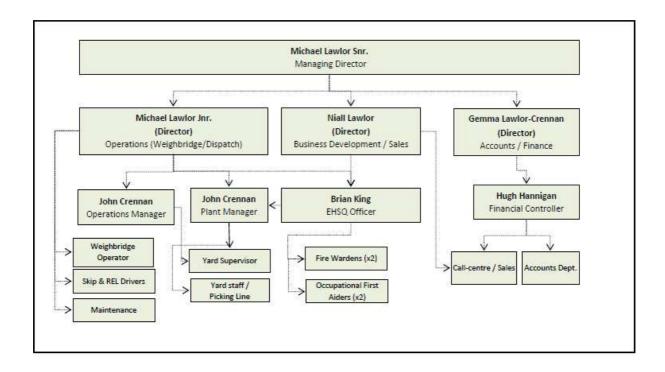
Director

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

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#### 2. Environmental Management - Organisational Chart

Brian King replaced Kevin O'Reilly as the company's environmental officer in July 2013. This has led to a review of the company's organisational chart as follows;



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# 3. Summary Information

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

- 3.1 Facility Summary Information
- 3.2 Air
- 3.3 Water & Wastewater
- 3.4 Bund testing
- 3.5 GW-Soil
- 3.6 ELRA
- 3.7 EMP
- 3.8 Noise
- 3.9 Resource-Energy
- 3.10 Complaints-incidents
- 3.11 Waste
- 3.12 PRTR Return for 2013 data

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#### 3.1. Facility Summary Information

Facility Information Summary			_
AER Reporting Year	2013		
Licence Register Number	W0227-01		
Name of site	Lawlor Bros.	(Waste Dis	posal) Ltd. T/A Access Waste Recycling
Site Location	Unit 28 JFK	road, JFK Ir	ndustrial Estate, Naas road, Dublin 12
NACE Code			3832
	Class 11, 12 & 13 (Third	d Schedule	of Waste Management Act 1996-2005 Class 2,
Class/Classes of Activity	3, 4 & 13 (fourth Sched	dule of Was	te Management Act 1996-2005)
National Grid Reference (6E, 6 N)	+53° 19' 40.13", -6° 21	' 24.57"	

A description of the activities/processes at the site for the reporting year. This should include information such as production increases or decreases on site, any infrastructural changes, environmental performance which was measured during the reporting year and an overview of compliance with your licence listing all exceedances of licence limits (where applicable) and what they relate to e.g. air, water, noise.

Acceptance and pre-sorting of non-hazardous commercial, industrial and C&D skip wastes. No longer participating in the household waste market since May of 2012.

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.

	information is assured to meet licence require
Niall Laule	31/03/2014
Signature Group/Facility manager	Date
(or nominated, suitably qualified and experienced deputy)	

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#### 3.2. Air

	AIR-summary template	Lic No:	W0227-01	Year	2013
	Answer all questions and complete all tables where relevant				
				Additional information	
	Does your site have licensed air emissions? If yes please complete table A1 and A2 below for the current				
1	reporting year and answer further questions. If you do not have licenced emissions and do not complete a				
	solvent management plan (table A4 and A5) you do not need to complete the tables	NI-			
		No			
_					
	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				
	TableA1 below	Yes			
	Basic air_				
3	Was all monitoring carried out in accordance with EPA guidance monitoring				
	note AG2 and using the basic air monitoring checklist? <u>checklist</u> <u>AGN2</u>	Yes			

#### Table A1: Licensed Mass Emissions/Ambient data-periodic monitoring (non-continuous)

Emission reference no:	Parameter/ Substance		ELV in licence or any revision therof	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence limit		Annual mass load (kg)	Comments -reason for change in % mass load from previous year if applicable
		Four times a year			339.0					
D1	Dust	(R1)	350	Monthly average < ELV		mg/m2/day	yes	Bergerhoff Gauge		
		Four times a year			245.0					
D2	Dust	(R1)	350	Monthly average < ELV		mg/m2/day	yes	Bergerhoff Gauge		
		Four times a year			207.0					
D3	Dust	(R1)	350	Monthly average < ELV		mg/m2/day	yes	Bergerhoff Gauge		
					1077.3		no (if no please enter			
		Four times a year					details in comments			
D1	Dust	(R2)	350	Monthly average < ELV		mg/m2/day		Bergerhoff Gauge		dry weather
					910.6		no (if no please enter			
		Four times a year					details in comments			
D2	Dust	(R2)	350	Monthly average < ELV		mg/m2/day	box)	Bergerhoff Gauge		dry weather
		Four times a year			302.5					
D3	Dust	(R2)	350	Monthly average < ELV		mg/m2/day	yes	Bergerhoff Gauge		

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					477.1		no (if no please enter		
		Four times a year			<b>-</b>		details in comments		
D1	Dust	(R3)	350	Monthly average < ELV				Bergerhoff Gauge	dry weather
					187.2				·
		Four times a year							reduction due to speed limi
D2	Dust	(R3)	350	Monthly average < ELV		mg/m2/day	yes	Bergerhoff Gauge	applied to traffic on site
		Four times a year			78.6				
		Four times a year							
D3	Dust	(R3)	350	Monthly average < ELV			yes	Bergerhoff Gauge	
					133.2				
		Four times a year							reduction due to speed limi
D1	Dust	(R4)	350	Monthly average < ELV		mg/m2/day	yes	Bergerhoff Gauge	applied to traffic on site
		Four times a year			78.6				
		Four times a year							
D2	Dust	(R4)	350	Monthly average < ELV		mg/m2/day	yes	Bergerhoff Gauge	
		Four times a year			50.3				
D2	Dest	, , , , , , , , , , , , , , , , , , ,	250	Manthly average 4 FIV				Danna da eff Carra	
D3	Dust	(R4)	350	Monthly average < ELV		mg/m2/day	yes	Bergerhoff Gauge	

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

		Continuous N	<b>Nonitoring</b>							
4	Does your site ca	rry out continuous air emis	sions monitoring?			No				
	If yes please revie	•	oring data and report t relevant Emission Lim	•	pelow in Table A2 and compare					
5	Did continuous mo	onitoring equipment experi	ience downtime? If ye	s please record dov	vntime in table A2 below	SELECT				
6	Do you have a pro	pactive service agreement for	or each piece of conti	nuous monitoring e	quipment?	SELECT				
7	Did your s	site experience any abatem	ent system bypasses?	If yes please detail	them in table A3 below	SELECT				
	Table A2: Sum	nmary of average emi	issions -continuo	us monitoring						
	Emission reference no:		ELV in licence or	Averaging Period	Compliance Criteria	Units of measurement	Annual Emission	Monitoring Equipment downtime (hours)	Number of ELV exceedences in current reporting year	Comments
		SELECT	any revision therof		SELECT	SELECT				
		SELECT			JELECT	SELECT				
		SELECT				SELECT				
		SELECT				SELECT				

SELECT

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

SELECT

Table A3: Abatement system bypass reporting table

Bypass protocol

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

<sup>\*</sup> this should include all dates that an abatement system bypass occurred

<sup>\*\*</sup> 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

	Solvent	use and manageme	nt on site						
8	Do you have a tota	l Emission Limit Value of d	irect and fugitive emis	ssions on site? if ye	s please fill out tables A4 and A5		No		
		ent Management Pla ssion limit value	in Summary	Solvent regulations	Please refer to linked solven complete table 5				
	Reporting year	Total solvent input on site (kg)	emissions to Air		Total Emission Limit Value (ELV) in licence or any revision therof	Compliance			
						SELECT			
						SELECT			
	Table A5:	Solvent Mass Baland	e summary						
		(I) Inputs (kg)			((	O) Outputs (kg)			
	Solvent	(I) Inputs (kg)		Solvents lost in water (kg)		Fugitive Organic Solvent (kg)	Solvents destroyed onsite through	Total emission of Solvent to air (kg)	
			3333333			5 (6)			
							Total		

#### 3.3. Water & Wastewater

AER Monito	oring returns summa	ry template-WATE	R/WASTEWATE	R(SEWER)		Lic No:	W0227-01		Year	201
							Additional information		1	
Does your	site have licensed emiss	sions direct to surface	water or direct to	sewer? If yes						
	lete table W2 and W3 b									
questions. If <b>y</b>	<b>you do not have</b> licenced			able W1 and or						
	W2 for storm wa	ater analysis and visua	al inspections		Yes					
Was it a red	quirement of your licenc	re to carry out visual in	spections on any s	surface water						
	or watercourses on or n	•	•							
_	rising only any evidence		•		Yes					
Tabl	le W1 Storm water n	monitoring			163					
Idb	le vvi Storiii water ii				ELV or trigger					
					level in	Licence				
Location reference	Location relative to	PRTR Parameter	Licenced	Monitoring	licence or	Compliance	Measured value	Unit of	Compliant with	Comments
reference	site activities		Parameter	date	any revision	criteria		measurement	licence	
					thereof*					
	SELECT	SELECT	SELECT		thereof*	SELECT		SELECT	SELECT	
	SELECT SELECT	SELECT SELECT	SELECT SELECT		thereof*	SELECT SELECT		SELECT SELECT	SELECT SELECT	
		SELECT	SELECT		thereot*					
trigger values	SELECT	SELECT ency outside of licence co	SELECT	ere contamina		SELECT				
trigger values <b>Tab</b>	SELECT may be agreed by the Age sle W2 Visual inspect	SELECT ency outside of licence co	SELECT	ere contamina		SELECT				
trigger values	SELECT may be agreed by the Age	SELECT ency outside of licence co	SELECT onditions nter details who			SELECT erved. Source of		SELECT	SELECT	
trigger values <b>Tab</b> Location	SELECT may be agreed by the Age sle W2 Visual inspect	SELECT ency outside of licence co	SELECT		tion was obs	SELECT erved.  Source of contamination	Corrective action	SELECT		ents
trigger values <b>Tab</b> Location	SELECT may be agreed by the Age sle W2 Visual inspect	SELECT ency outside of licence co	SELECT onditions nter details who		tion was obs	SELECT erved.  Source of contamination SELECT	Corrective action	SELECT	SELECT	ents
trigger values <b>Tab</b> Location	SELECT may be agreed by the Age sle W2 Visual inspect	SELECT ency outside of licence co	SELECT onditions nter details who		tion was obs	SELECT erved.  Source of contamination	Corrective action	SELECT	SELECT	ents
trigger values <b>Tab</b> Location Reference	SELECT may be agreed by the Age sle W2 Visual inspect Date of inspection	SELECT ency outside of licence co tions-Please only e	SELECT onditions nter details who Description of cont	amination	tion was obs	SELECT  Source of contamination SELECT SELECT	Corrective action	SELECT	SELECT	ents
trigger values <b>Tab</b> Location Reference	SELECT may be agreed by the Age sle W2 Visual inspect	SELECT ency outside of licence co tions-Please only e	SELECT onditions nter details who Description of cont	amination	tion was obs	SELECT  Source of contamination SELECT SELECT	Corrective action	SELECT	SELECT	ents
trigger values Tab Location Reference	SELECT may be agreed by the Age sle W2 Visual inspect Date of inspection	select ency outside of licence co tions-Please only e d /or wastewater(	SELECT onditions nter details who Description of cont sewer)-periodic	amination	tion was obs	SELECT  Source of contamination SELECT SELECT	Corrective action	SELECT	SELECT	ents
trigger values Tab Location Reference	SELECT may be agreed by the Age ble W2 Visual inspect  Date of inspection  nissions to water an any result in breach of licer	select ency outside of licence co tions-Please only e d /or wastewater(	SELECT conditions nter details who Description of cont seewer)-periodic please provide brie	amination  monitoring (r	tion was obs	SELECT  Source of contamination SELECT SELECT	Corrective action	SELECT	SELECT	ents
trigger values Tab Location Reference	SELECT may be agreed by the Age ple W2 Visual inspect  Date of inspection  nissions to water an any result in breach of licer commer	select ency outside of licence co tions-Please only e  d /or wastewater( ence requirements? If yes ent section of Table W3 b	SELECT conditions nter details who Description of cont seewer)-periodic please provide brie	amination  monitoring (r	ntion was obs	SELECT  Source of contamination SELECT SELECT		SELECT	SELECT	ents
trigger values Tab Location Reference  icensed Em Was there a	SELECT may be agreed by the Age ple W2 Visual inspect  Date of inspection  nissions to water an any result in breach of licer commer	select ency outside of licence co tions-Please only e  d /or wastewater( ence requirements? If yes ent section of Table W3 b ence with EPA guidance	SELECT conditions nter details who Description of cont sewer)-periodic please provide brie- elow	amination  monitoring (r	ntion was obs	SELECT  Source of contamination SELECT SELECT		SELECT	SELECT	ents
trigger values Tab Location Reference  icensed Em Was there a	SELECT may be agreed by the Age ple W2 Visual inspect  Date of inspection  nissions to water an any result in breach of licer commer	select ency outside of licence co tions-Please only e  d /or wastewater( ence requirements? If yes ent section of Table W3 b ence with EPA guidance enitoring Data Reported	SELECT conditions nter details who Description of cont sewer)-periodic please provide brie- elow  External /Internal	amination  monitoring (r	ntion was obs	SELECT  Source of contamination SELECT SELECT		SELECT	SELECT	ents

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Table W3: Licensed Emissions to water and /or wastewater (sewer)-periodic monitoring (non-continuous)

Emission reference no:	Emission released to	Parameter/ SubstanceNote 1	Type of sample	Frequency of monitoring	Averaging period	ELV or trigger values in licence or any revision therof <sup>Note 2</sup>	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with	Method of analysis	Procedural reference source	Procedural reference standard number	Annual mass load (kg)	Comments
FW9	Wastewater/Sewer	рН	discrete	quarterly (Q1)	quarterly	6-10	No pH value shall deviate from the specified range.	7.0	pH units	yes	pH Meter (Electrode)	APHA /AWWA Standard Methods		, ,	
FW9	Wastewater/Sewer	COD	discrete	quarterly (Q1)	quarterly	3000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	82	mg/L	yes	Spectrophotometry (Colorimetry)	APHA /AWWA Standard Methods	107		
FW9	Wastewater/Sewer	BOD	discrete	quarterly (Q1)	quarterly	1000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	9	mg/L	yes	Dissolved Oxygen Meter (Electrode)	APHA /AWWA Standard Methods	113		
FW9	Wastewater/Sewer	Suspended Solids	discrete	quarterly (Q1)	quarterly	1000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	9	mg/L	yes	Gravimetric analysis	APHA /AWWA Standard Methods	106		
FW9	Wastewater/Sewer	Mineral oils	discrete	quarterly (Q1)	quarterly	10	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	0.303	mg/L	yes	GC-FID	US EPA	189		
FW9	Wastewater/Sewer	Total phosphorus	discrete	quarterly (Q1)	quarterly	100	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	0.203	mg/L	yes	Digestion + Spectrophotometry	APHA /AWWA Standard Methods	166		
FW9	Wastewater/Sewer	Detergents (as MBAS)	discrete	quarterly (Q1)	quarterly	100	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	0.05	mg/L	yes	Solvent Extraction/ Colorimetry	APHA /AWWA Standard Methods	116		
FW9	Wastewater/Sewer	Fats, Oils and Greases	discrete	quarterly (Q1)	quarterly	100	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	<1	mg/L	yes	Solvent Extraction/ Gravimetry	APHA /AWWA Standard Methods	101		
FW9	Wastewater/Sewer	РН	discrete	quarterly (Q2)	quarterly	6-10	No pH value shall deviate from the specified range.	7.8	pH units	yes	pH Meter (Electrode)	APHA /AWWA Standard Methods	110		
FW9	Wastewater/Sewer	Conductivity	discrete	quarterly (Q2)	quarterly	1000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	354	μS/cm @20oC	yes	Conductivity Meter (Electrode)	APHA /AWWA Standard Methods	112		
FW9	Wastewater/Sewer	COD	discrete	quarterly (Q2)	quarterly	3000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	40	mg/L	yes	Spectrophotometry (Colorimetry)	APHA /AWWA Standard Methods	107		
FW9	Wastewater/Sewer	BOD	discrete	quarterly (Q2)	quarterly	1000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	<2	mg/L	yes	Dissolved Oxygen Meter (Electrode)	APHA /AWWA Standard Methods	113		
FW9	Wastewater/Sewer	Suspended Solids	discrete	quarterly (Q2)	quarterly	1000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	31	mg/L	yes	Gravimetric analysis	APHA /AWWA Standard Methods	106		
FW9	Wastewater/Sewer	Mineral oils	discrete	quarterly (Q2)	quarterly	10	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	0.629	mg/L	yes	GC-FID	US EPA	189		
FW9	Wastewater/Sewer	Total phosphorus	discrete	quarterly (Q2)	quarterly	100	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	0.118	mg/L	yes	Digestion + Spectrophotometry	APHA /AWWA Standard Methods	166		
FW9	Wastewater/Sewer	Detergents (as MBAS)	discrete	quarterly (Q2)	quarterly	100	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	<0.05	mg/L	yes	Solvent Extraction/ Colorimetry	APHA /AWWA Standard Methods	116		
FW9	Wastewater/Sewer	Fats, Oils and Greases	discrete	quarterly (Q2)	quarterly	100	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	<1	mg/L	yes	Solvent Extraction/ Gravimetry	APHA /AWWA Standard Methods	101		

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FW9	Wastewater/Sewer	РН	discrete	quarterly (Q3)	quarterly	6-10	No pH value shall deviate from	7.2	pH units	yes	pH Meter (Electrode)	APHA /AWWA	110	
FW9	Wastewater/Sewer	COD	discrete	quarterly (Q3)	quarterly	3000	the specified range.  All results < 1.2 times ELV, plus 8 from ten results must be < ELV	53	mg/L	yes	Spectrophotometry (Colorimetry)	Standard Methods  APHA /AWWA  Standard Methods	107	
FW9	Wastewater/Sewer	BOD	discrete	quarterly (Q3)	quarterly	1000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	12	mg/L	yes	Dissolved Oxygen Meter (Electrode)	APHA /AWWA Standard Methods	113	
FW9	Wastewater/Sewer	Suspended Solids	discrete	quarterly (Q3)	quarterly	1000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	11	mg/L	yes	Gravimetric analysis	APHA /AWWA Standard Methods	106	
FW9	Wastewater/Sewer	Mineral oils	discrete	quarterly (Q3)	quarterly	10	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	0.177	mg/L	yes	GC-FID	US EPA	189	
FW9	Wastewater/Sewer	Total phosphorus	discrete	quarterly (Q3)	quarterly	100	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	0.643	mg/L	yes	Digestion + Spectrophotometry	APHA /AWWA Standard Methods	166	
FW9	Wastewater/Sewer	Detergents (as MBAS)	discrete	quarterly (Q3)	quarterly	100	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	0.128	mg/L	yes	Solvent Extraction/ Colorimetry	APHA /AWWA Standard Methods	116	
FW9	Wastewater/Sewer	Fats, Oils and Greases	discrete	quarterly (Q3)	quarterly	100	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	<1	mg/L	yes	Solvent Extraction/ Gravimetry	APHA /AWWA Standard Methods	101	
FW9	Wastewater/Sewer	PH	discrete	quarterly (Q4)	quarterly	6-10	No pH value shall deviate from the specified range.	7.7	pH units	yes	pH Meter (Electrode)	APHA /AWWA Standard Methods	110	
FW9	Wastewater/Sewer	COD	discrete	quarterly (Q4)	quarterly	3000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	<5	mg/L	yes	Spectrophotometry (Colorimetry)	APHA /AWWA Standard Methods	107	
FW9	Wastewater/Sewer	BOD	discrete	quarterly (Q4)	quarterly	1000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	<2	mg/L	yes	Dissolved Oxygen Meter (Electrode)	APHA /AWWA Standard Methods	113	
FW9	Wastewater/Sewer	Suspended Solids	discrete	quarterly (Q4)	quarterly	1000	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	<2	mg/L	yes	Gravimetric analysis	APHA /AWWA Standard Methods	106	
FW9	Wastewater/Sewer	Mineral oils	discrete	quarterly (Q4)	quarterly	10	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	0.018	mg/L	yes	GC-FID	US EPA	189	
FW9	Wastewater/Sewer	Total phosphorus	discrete	quarterly (Q4)	quarterly	100	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	0.171	mg/L	yes	Digestion + Spectrophotometry	APHA /AWWA Standard Methods	166	
FW9	Wastewater/Sewer	Detergents (as MBAS)	discrete	quarterly (Q4)	quarterly	100	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	<0.05	mg/L	yes	Solvent Extraction/ Colorimetry	APHA /AWWA Standard Methods	116	
SW1	Water	рН	discrete	quarterly (Q1)	quarterly	6-9	No pH value shall deviate from the specified range.	7.4	pH units	yes	pH Meter (Electrode)	APHA /AWWA Standard Methods	110	
SW1	Water	Conductivity	discrete	quarterly (Q1)	quarterly	not specified	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	186	μS/cm @20oC	yes	Conductivity Meter (Electrode)	APHA /AWWA Standard Methods	112	
SW1	Water	COD	discrete	quarterly (Q1)	quarterly	not specified	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	16	mg/L	yes	Spectrophotometry (Colorimetry)	APHA /AWWA Standard Methods	107	
SW1	Water	Suspended Solids	discrete	quarterly (Q1)	quarterly	not specified	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	8	mg/L	yes	Filtration/ Drying@104C	APHA /AWWA Standard Methods	106	
SW1	Water	Mineral oils	discrete	quarterly (Q1)	quarterly	not specified	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	0.059	mg/L	yes	GC-FID	US EPA	189	
SW1	Water	Ammonia (as N)	discrete	quarterly (Q1)	quarterly	not specified	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	2.11	mg/L	yes	Spectrophotometry (Colorimetry)	APHA /AWWA Standard Methods	114	

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SW1	Water	рН	discrete	quarterly (Q2)	quarterly	6-9	No pH value shall deviate from the specified range.	7.2	pH units	yes	pH Meter (Electrode)	APHA /AWWA Standard Methods	110	
SW1	Water	Conductivity	discrete	quarterly (Q2)	quarterly	not specified	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	208	μS/cm @20oC	yes	Conductivity Meter (Electrode)	APHA /AWWA Standard Methods	112	
SW1	Water	COD	discrete	quarterly (Q2)	quarterly	not specified	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	42	mg/L	yes	Spectrophotometry (Colorimetry)	APHA /AWWA Standard Methods	107	
SW1	Water	Suspended Solids	discrete	quarterly (Q2)	quarterly	not specified	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	4	mg/L	yes	Filtration/ Drying@104C	APHA /AWWA Standard Methods	106	
SW1	Water	Mineral oils	discrete	quarterly (Q2)	quarterly	not specified	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	<0.025	mg/L	yes	GC-FID	US EPA	189	
SW1	Water	Ammonia (as N)	discrete	quarterly (Q2)	quarterly	not specified	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	6.73	mg/L	yes	Spectrophotometry (Colorimetry)	APHA /AWWA Standard Methods	114	
SW1	Water	рН	discrete	quarterly (Q3)	quarterly	6-9	No pH value shall deviate from the specified range.	7.1	pH units	yes	pH Meter (Electrode)	APHA /AWWA Standard Methods	110	
SW1	Water	Conductivity	discrete	quarterly (Q3)	quarterly	not specified	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	428	μS/cm @20oC	yes	Conductivity Meter (Electrode)	APHA /AWWA Standard Methods	112	
SW1	Water	COD	discrete	quarterly (Q3)	quarterly	not specified	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	40	mg/L	yes	Spectrophotometry (Colorimetry)	APHA /AWWA Standard Methods	107	
SW1	Water	Suspended Solids	discrete	quarterly (Q3)	quarterly	not specified	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	12	mg/L	yes	Filtration/ Drying@104C	APHA /AWWA Standard Methods	106	
SW1	Water	Mineral oils	discrete	quarterly (Q3)	quarterly	not specified	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	0.066	mg/L	yes	GC-FID	US EPA	189	
SW1	Water	Ammonia (as N)	discrete	quarterly (Q3)	quarterly	not specified	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	0.675	mg/L	yes	Spectrophotometry (Colorimetry)	APHA /AWWA Standard Methods	114	
SW1	Water	рН	discrete	quarterly (Q4)	quarterly	6-9	No pH value shall deviate from the specified range.	7.1	pH units	yes	pH Meter (Electrode)	APHA /AWWA Standard Methods	110	
SW1	Water	Conductivity	discrete	quarterly (Q4)	quarterly	not specified	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	616	μS/cm @20oC	yes	Conductivity Meter (Electrode)	APHA /AWWA Standard Methods	112	
SW1	Water	COD	discrete	quarterly (Q4)	quarterly	not specified	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	52	mg/L	yes	Spectrophotometry (Colorimetry)	APHA /AWWA Standard Methods	107	
SW1	Water	Suspended Solids	discrete	quarterly (Q4)	quarterly	not specified	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	9	mg/L	yes	Filtration/ Drying@104C	APHA /AWWA Standard Methods	106	
SW1	Water	Mineral oils	discrete	quarterly (Q4)	quarterly	not specified	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	0.051	mg/L	yes	GC-FID	US EPA	189	
SW1	Water	Ammonia (as N)	discrete	quarterly (Q4)	quarterly	not specified	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	1.17	mg/L	yes	Spectrophotometry (Colorimetry)	APHA /AWWA Standard Methods	114	
Note 1, Valume	tric flow shall be included													

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

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Emission

reference no:

Continuous mo	onitoring						Additional Information		_		
5 Does your site carry	Does your site carry out continuous emissions to water/sewer monitoring?										
If yes please summ relevant Emission L	•	s monitoring data belov	v in Table W4 and co	ompare it to its					-		
	nitoring equipment ex	perience downtime? If y	es please record do	wntime in table					]		
<sup>6</sup> W4 below					SELECT						
7 Do you have a proad	active service contract	for each piece of contin	uous monitoring equ	ipment on site?	SELECT						
8 Did abatement syste	tem bypass occur durir	ng the reporting year? <b>If</b>	yes please complete	e table W5 below	SELECT						
Table W4: Summary of average emissions -continuous monitoring											
			ELV or trigger values in licence					% change +/- from previous	Monitoring	Number of ELV	

Annual Emission for current

reporting year (kg)

reporting year

Equipment

exceedences in

downtime (hours) reporting year

Units of

measurement

SELECT

SELECT

Compliance

SELECT

SELECT

Averaging Period Criteria

SELECT

SELECT

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

Emission released to

SELECT

SELECT

#### Table W5: Abatement system bypass reporting table

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

or any revision

Parameter/ Substance thereof

SELECT

SELECT

Comments

<sup>\*</sup>Measures taken or proposed to reduce or limit bypass frequency

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# 3.4. Bund testing

Bund/Pipeline testing temp	olate			Lic No:	W0227-01		Year	2013			
D. officially	44					Address of the control					
Bund testing  Are you required by your licence to		u click to see options		Janes fill aut table D1		Additional information	1				
below listing all <b>new bunds and co</b>											
structures which failed including n			-								
1 <u>testing period</u> (mobile bunds and c		u III tile table below, <u>please</u>	include all bullus of	utside the licenced	Yes						
2 Please provide integrity testing free	·				3 years		1				
Does the site maintain a register of		linas linaludina starmustar s	and faul). Tanks sum	and and containare?	3 years						
3 (containers refers to "Chemstore" 1		•	anu iouij, ranks, sun	ips and containers:	Yes						
4 How many bunds are on site?	type utilits and mobile built	15)			10 Tes		1				
5 How many of these bunds have bee	on tacted within the requir	nd tost schodulo2			10		1				
5 How many or triese burids have been 5 How many mobile bunds are on site	·	eu test scheudle!			10	<u> </u>	1				
7 Are the mobile bunds included in the					N/A						
B How many of these mobile bunds h		required test schedule?			N/A						
9 How many sumps on site are included		•			IN/A	1					
0 How many of these sumps are inte						1	1				
Please list any sump integrity failu		scrieduie.				<u>-1</u>	1				
1 Do all sumps and chambers have hi					Yes		1				
2 If yes to Q11 are these failsafe syst		ance and testing programme	?		Yes						
3 Is the Fire Water Retention Pond in					N/A		1				
	, , ,				,		•				
Table B1: Summary detail	s of bund /containment str	ucture integrity test									
										lata sait tast fail	
D. addCastalassast								Integrity reports	Dec. Inc.	Integrity test failure	
Bund/Containment	Caraif. Other tone	Dan doort on atain and ant	A at and a second it.	Cit	T of :	Oth and took to ma			Results	explanation <50	Corrective
structure ID Type  No Failures SELECT	Specify Other type	Product containment	Actual capacity	Capacity required*	Type of integrity test SELECT	Other test type		site? SELECT	of test SELECT	words	action taker SELECT
No Failures SELECT SELECT		+	+	+	SELECT			SELECT	SELECT		SELECT
* Capacity required should comply with 25% or 1	10% containment rule as detailed in	vour licence	ı	ı	SELECT	Commentary		SELECT	SELECT		JLLLUI
Has integrity testing been carried o						Commentary	1				
s structures tested in line with BS800			bunding and storag	ge guidelines	Yes						
5 Are channels/transfer systems to re	•	is tested?			Yes		1				
7 Are channels/transfer systems con	•				Yes		1				

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Pineline	/undergro	ound structure

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 which failed the integrity test and all which have not

- 1 been tested withing the integrity test period as specified
- 2 Please provide integrity testing frequency period

\*please note integrity testing means water tightness testing for process and foul pipelines (as required under your licence)

Yes	
3 years	

Table B2: Summ	Table B2: Summary details of pipeline/underground structures integrity test										
			Does this structure have	Type of secondary containment		Integrity reports			Corrective action	d date	Results of retest(if in current reporting
Structure ID	Type system	construction:	Secondary containment?		Type integrity testing	maintained on site?	Results of test	<50 words	taken	for retest	year)
No Failures	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT				SELECT

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

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#### 3.5. GW-Soil

Groundwater/Soil monitoring template	Lic No: W(	0227-01	Year 2013
		Comments	
1 Are you required to carry out groundwater monitoring as part requirements?	of your licence	)	Please provide an interpretation of groundwater monitoring data in the
2 Are you required to carry out soil monitoring as part of your lic Do you extract groundwater for use on site? If yes please spec		)	interpretation box below or if you require additional space please include a groundwater/contaminated land monitoring results
<sup>3</sup> section	no	)	interpretaion as an additional section in this AER
Do monitoring results show that groundwater generic assessment criteria such as GTVs or IGVs are exceeded or is 4 there an upward trend in results for a substance? If yes, please complete the Groundwater Monitoring Guideline Template Report (link in cell G8) and submit separately through ALDER a licensee return AND answer questions 5-12 below.	<u>Groundwater</u>		
5 Is the contamination related to operations at the facility (eithe historic)	er current and/or	'A	
6 Have actions been taken to address contamination issues?If ye remediation strategies proposed/undertaken for the site	es please summarise	'A	
7 Please specify the proposed time frame for the remediation st	rategy N/A	′A	
8 Is there a licence condition to carry out/update ELRA for the si	te? N/A	′A	
9 Has any type of risk assesment been carried out for the site?	N/A	/A	
10 Has a Conceptual Site Model been developed for the site?	N/A	'A	
11 Have potential receptors been identified on and off site?	N/A	'A	
12 Is there evidence that contamination is migrating offsite?	N/A	′A	Please enter interpretation of data here

#### Table 1: Upgradient Groundwater monitoring results

Tubic 1.	Opgradient	Gi Gaila Wat	ci illollitollil	g resuits						
										Upward trend in
										pollutant
	Sample									concentration
Date of	location	Parameter/		Monitoring	Maximum	Average				over last 5 years
sampling	reference	Substance	Methodology	frequency	Concentration++	Concentration+	unit	GTV's*	SELECT**	of monitoring data
							SELECT			SELECT
							SELECT			SELECT

<sup>.+</sup> where average indicates arithmetic mean

<sup>.++</sup> maximum concentration indicates the maximum measured concentration from all monitoring results produced during the reporting year

	Downgradic			0						
										Upward trend in
										yearly average
										pollutant
	Sample									concentration
Date of	location	Parameter/		Monitoring	Maximum	Average				over last 5 years
sampling	reference	Substance	Methodology	frequency	Concentration	Concentration	unit	GTV's*	SELECT**	of monitoring data
							SELECT			SELECT
							SELECT			SELECT

\*please note exceedance of generic assessment criteria (GAC) such as a Groundwater Threshold Value (GTV) or an Interim Guideline Value (IGV) or an upward trend in results for a substance indicates that further interpretation of monitoring results is required. In addition to completing the above table, please complete the Groundwater Monitoring Guideline Template Report at the link provided and submit separately through ALDER as a licensee return or as otherwise instructed by the EPA.

**Groundwater monitoring template** 

More information on the use of soil and groundwater standards/ generic assessment criteria (GAC) and risk assessment tools is available in the EPA published guidance

Guidance on the Management of Contaminated Land and Groundwater at EPA Licensed Sites (EPA 2013).

(see the link in G31)

\*\*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)

	Groundwater	<b>Drinking wate</b>
<u>Surface</u>	<u>regulations</u>	(private supply
water EQS	GTV's	<u>standards</u>

<u>Guideline</u>

<u>Drinking water (public</u> <u>Values</u>

supply) standards

Interim

(IGV)

Table 3: Soil results

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

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

#### 3.6. ELRA

	Environmental Liabilities template	Lic No:	W0227-01	Year	2013
	Click here to access EPA guidance on Environmental Liabilities and Financial				
	provision				
			Commentary		
1	ELRA initial agreement status	Submitted and agreed by EPA	,		
2	ELRA review status	Review required and completed			
3	Amount of Financial Provision cover required as determined by the latest ELRA	40,625.00			
4	Financial Provision for ELRA status	Required but not submitted			
5	Financial Provision for ELRA - amount of cover	€6.5 million			
6	Financial Provision for ELRA - type	Public Liability Insurance with Environmental Impairment Liability cover			
7	Financial provision for ELRA expiry date	21/05/2014			
8	Closure plan initial agreement status	Closure plan submitted and agreed by EPA			
9	·	Review required and completed			
10		Submitted and agreed by EPA			
11	Financial Provision for Closure - amount of cover	€6.5 million			
12	71	Public Liability Insurance with Environmental Impairment Liability cover			
13	Financial provision for Closure expiry date	21/05/2014			

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#### 3.7. EMP

	<b>Environmental Management Programme/Continuous Improvement Program</b>	me template	Lic No:	W0227-01	Year	2013
	Highlighted cells contain dropdown menu click to view		Additional Information		_	
1	Do you maintain an Environmental Mangement System (EMS) for the site. If yes, please detail in additional information	Yes	Certif	fied to ISO 14001		
2	Does the EMS reference the most significant environmental aspects and associated impacts on-site	Yes				
	Does the EMS maintain an Environmental Management Programme (EMP) as required in					
3	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				

<b>Environmental Management Programm</b>	e (EMP) report				
Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
			Housekeeping SOP implemented		
	Keep emission levels below		and associated sheets completed		Increased compliance with
Reduction of emissions to Air	ELVS	75	by staff	Section Head	licence conditions
	Reduce level of				Increased compliance with
Reduction of emissions to Water	stormwater emissions	70	Pre-liminary trigger limits in place	Section Head	licence conditions
	Dadwa lawl of wastes to		Develop building 1 to increase performance and variety of waste streams; more recovery		lanca de la caracteria de
Materials Handling/Storage/Bunding	Reduce level of wastes to landfill	90	facilities investigated to send waste streams to	Section Head	Improved Environmental  Management Practices
Materials nanuling/storage/bunuing	Improve efficiency of raw	80	Resource management plan and energy saving measures implemented; own road diesel	Section nead	Improved Environmental
Energy Efficiency/Utility conservation	materials and energy	80	'	Section Head	Management Practices

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			SOP for Asbestos and skip bag		
			developed; waste register used;		
	Improve management of		charge back mechanism		Improved Environmental
Materials Handling/Storage/Bunding	unacceptable wastes	100	developed and implemented	Section Head	Management Practices
	Improve Management of				Improved Environmental
Materials Handling/Storage/Bunding	Waste Quarantine Area	100	He gas bottles recycled	Section Head	Management Practices
			Internal quarterly reports and		
			external 6 monthly customer		
			waste performance reports		
			developed; noticeboards at		
			weighbridge, clock machine and		
	Develop further internal		canteen installed; develop		
	and external		monthly EHS communications		Improved Environmental
Additional improvements	communications	80	and memos	Section Head	Management Practices
			General staff awareness - yard,		
	Implement EHS awareness		plant, office, driver booklet		Improved Environmental
Additional improvements	training	100	developed	Section Head	Management Practices
			Bird netting on buildings 1, 2		
			and 3 installed; ratting		Improved Environmental
Additional improvements	Pest Control	80	investigated	Section Head	Management Practices
				_	

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#### 3.8. Noise

Noise monitoring summary report	Lic No:	W0227-01	Year
1 Was noise monitoring a licence requirement for the AER period?		Yes	1
If yes please fill in table N1 noise summary below		163	_
	Noise		
2 Was noise monitoring carried out using the EPA Guidance note, including completion of the	Guidance	Yes	
"Checklist for noise measurement report" included in the guidance note as table 6?	note		
3 Does your site have a noise reduction plan		No	
4 When was the noise reduction plan last updated?		Enter date	
Have there been changes relevant to site noise emissions (e.g. plant or operational changes)	since the	No	

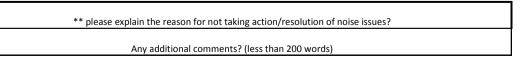
Table N1: Noi	se monitoring s	ummary									
Date of monitoring		Noise location (on site)	Noise sensitive location -NSL (if applicable)	$LA_{eq}$	LA <sub>90</sub>	LA <sub>10</sub>	LA <sub>max</sub>	Tonal or Impulsive noise* (Y/N)	If tonal /impulsive noise was identified was 5dB penalty applied?	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is <u>site</u> compliant with noise limits (day/evening/night)?
08/10/2013	14:13		NSL 1 at the corner of the first cottage which is 5m off Killeen Road; AWR facility is approximately 100m south of this location	73.3	62.3	76.9	76.9	No	No	No audible noise from the Access Waste Recycling facility. Noise levels detected during day and night time monitoring are primarily due to road traffic on the Killeen road with some noise detected from other industrial premises. Difference in Laeq between day and night measurement clearly shows that the almost continuous stream of traffic on the road has the most significant impact on the NSL	Yes
08/10/2013	14:54	N/A	NSL 1 at the corner of the first cottage which is 5m off Killeen Road; AWR facility is approximately 100m south of this location	72.8	61.1	76.2	76.2	No	No	No audible noise from the Access Waste Recycling facility. Noise levels detected during day and night time monitoring are primarily due to road traffic on the Killeen road with some noise detected from other industrial premises. Difference in Laeq between day and night measurement clearly shows that the almost continuous stream of traffic on the road has the most significant impact on the NSL	Yes

			NSL 1 at the corner of the first cottage which is 5m off Killeen Road; AWR facility is					No	No	No audible noise from the Access Waste Recycling facility. Noise levels detected during day and night time monitoring are primarily due to road traffic on the Killeen road with some noise detected from other industrial premises. Difference in Laeq	Yes
08/10/2013	15:55	N/A	approximately 100m south of this location	71.8	58.6	93.7	93.7			between day and night measurement clearly shows that the almost continuous stream of traffic on the road has the most significant impact on the NSL	
08/10/2013	23:03	N/A	NSL 1 at the corner of the first cottage which is 5m off Killeen Road; AWR facility is approximately 100m south of this location	65.8	48.4	70.0	70.0	No	No	No audible noise from the Access Waste Recycling facility. Noise levels detected during day and night time monitoring are primarily due to road traffic on the Killeen road with some noise detected from other industrial premises. Difference in Laeq between day and night measurement clearly shows that the almost continuous stream of traffic on the road has the most significant impact on the NSL	Yes
09/10/2013	00:03	N/A	NSL 1 at the corner of the first cottage which is 5m off Killeen Road; AWR facility is approximately 100m south of this location	62.8	45.0	84.1	84.1	No	No	No audible noise from the Access Waste Recycling facility. Noise levels detected during day and night time monitoring are primarily due to road traffic on the Killeen road with some noise detected from other industrial premises. Difference in Laeq between day and night measurement clearly shows that the almost continuous stream of traffic on the road has the most significant impact on the NSL	Yes

<sup>\*</sup>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



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#### 3.9. Resource-Energy

Resource Usage/Energy efficiency summary	Lic No:	W0227-01	Year	2013
		Ado	ditional information	Yes
1 When did the site carry out the most recent energy efficiency audit? Please list the recommendations	s in table 3 below	2011		No
Is the site a member of any accredited programmes for reducing energy usage/water conservation such	SEAI - Large Industry Energy			accredited
2 as the SEAI programme linked to the right? If yes please list them in additional information	Network (LIEN)	No		programme
Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please additional information	state percentage in	SELECT		energy audit
				other initiative
				(please specify)

Table R1 Energy usag	e on site			
Energy Use	Previous year	Current year	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)	186,695	171,226		
Total Energy Generated (MWHrs)	0	0		
Total Renewable Energy Generated (M	0	0		
Electricity Consumption (MWHrs)	186,695	171,226		
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)	0	0		
Light Fuel Oil (m3)	4.373	2.481		
Natural gas (m3)	0	0		
Coal/Solid fuel (metric tonnes)	0	0		
Peat (metric tonnes)	0	0		
Renewable Biomass	0	0		
Renewable energy generated on site	0	0		

<sup>\*</sup> 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.

<sup>\*\*</sup> where site production information is available please enter percentage increase or decrease compared to previous year

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Table R2 Water usage	e on site				Water Emissions	Water Emissions Water Consumption	
						Volume used i.e	
			Production +/- %	Energy		not discharged to	
			compared to	Consumption +/- %	Volume Discharged	environment e.g.	
	Water extracted	Water extracted	previous reporting	vs overall site	back to	released as	Unaccounte
Water use	Previous year m3/yr.	Current year m3/yr.	year**	production*	environment(m <sup>3</sup> yr):	steam m3/yr	d for Water:
Groundwater							
Surface water							
Public supply	361	324					
Recycled water							
Total	361	324					

<sup>\*</sup> 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.

<sup>\*\*</sup> where site production information is available please enter percentage increase or decrease compared to previous year

Table R3 Waste Stream	Table R3 Waste Stream Summary				
	Total	Landfill	Incineration	Recycled	Other
Hazardous (Tonnes)					
Non-Hazardous (Tonnes)					

Table R4: Energy Au	Table R4: Energy Audit finding recommendations							
		Description of		Predicted energy			Completion	Status and
Date of audit	Recommendations	Measures proposed	Origin of measures	savings %	Implementation date	Responsibility	date	comments
			SELECT					
			SELECT					
			SELECT					

Table R5: Power Generation: Where power is generated onsite (e.g. power generation facilities/food and drink industry)please complete the following information

	Unit ID	Unit ID	Unit ID	Unit ID	Station Total
Technology					
Primary Fuel					
Thermal Efficiency					
Unit Date of Commission					
Total Starts for year					
Total Running Time					
Total Electricity Generated (GWH)					
House Load (GWH)					
KWH per Litre of Process Water					
KWH per Litre of Total Water used on	Site				

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# 3.10. Complaints-incidents

Complaints and	l Incidents sur	nmary template			Lic No:	W0227-01		Year	2013
			Complaints						
					Additional information				
			rrent reporting year? If yes please I on site in table 1 below	No					
Table 1 Compl	aints 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			1	
	SELECT				SELECT			1	
Total complaints open at start of reporting year Total new complaints received during reporting year Total complaints closed during reporting year Balance of		0							
complaints end of reporting year		0							

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		Incidents												
•					Additional in	formation								
Have any incidents	occurred on site in	the current reporting yea	r? Please list all incidents											
	for current repo	orting year in Table 2 belo	<u>w</u>	Yes										
*For information on	how to report and													
what constitute	•	What is an incident												
•		•												
Table 2 Incidents sur	nmary		]											
			Incident			Other	Activity in				Preventative			
			category*please refer to		Cause of	cause(please	progress at time of			Corrective	action <20		Resolution	Likelihood of
Date of occurrence	Incident nature	Location of occurrence	guidance	Receptor	incident	specify)	incident	Communication	Occurrence	action<20 words	words	Resolution status	date	reoccurence
										All incoming traffic	l .			
										asked to slow	reminder to			
										down to a crawl	stick to site			
										when accessing	speed limits			
										site on any	with dust			
27 May to 27 June		Dust Monitoring Point			Adverse					particularly	breaches			
2013	Breach of ELV	(D1 & D2)	1. Minor	Air	weather		Normal activities	EPA	Recurring	dry/hot day	emphasized	Complete	11/07/2013	Medium
	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 number of														
incidents current														
year	1													
Total number of														
incidents previous														
year	3													
% reduction/														
increase	67% reduction													

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#### 3.11. Waste

WASTE SUMMARY					Lic No:	W0227-01		Year	2013		
SECTION A-PRTR O	N SITE WASTE TREATMENT AND	WASTE TRANSFERS TAB-	TO BE COMPLETED B	Y ALL IPPC AND WA	ASTE FACILITIES	PRTR facility logon	_	dropdo	wn list click to see options		
	ACCEPTED ONTO SITE-TO BE CO			aries of your facility ?; (w	vaste generated within your boundaries	No	Additional Informatio	on 			
If yes please enter detail	s in table 1 below							- -			
	ejected consignments of waste in the curre					No					
	vaste accepted onto your site that was gen f waste accepted onto your s					as these wil	l have been rer	] ported in vo	ur PRTR workbook)		
Licenced annual tonnage limit for your site (total tonnes/annum)	EWC code	Source of waste accepted	Description of waste accepted Please enter an accurate and detailed description which applies to relevant EWC code	Quantity of waste accepted in current	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
	European Waste Catalogue EWC codes		European Waste Catalogue EWC codes								
SECTION C-TO BE C	OMPLETED BY ALL WASTE FACILI	TIES (waste transfer stati	ons, Composters, Ma	aterial recovery fac	ilities etc) EXCEPT LANDFILL SIT	ES					
Is all waste processing in	frastructure as required by your licence an	d approved by the Agency in plac	ce? If no please list waste p	processing infrastructure	required onsite	Yes				]	
Is all waste storage infra	structure as required by your licence and a	pproved by the Agency in place?	If no please list waste stor	age infrastructure requir	ed on site	Yes					
	elevant nuisance controls in place? ianagement system in place for your facilit e register on site?	y? If no why?				Yes Yes N/A					

AER 2013

SECTION D-TO BE C	COMPLETED BY LANDFILL SITES C	ONLY											
Table 2 Waste type	e 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									
					†								
			İ		1								
Table 3 General inf	formation-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													
Cell 8	<u> </u>	ļ										ļ	
Table 4 Environme	ntal monitoring-landfill only	Landfill Manual-Monitoring Star	<u>idards</u>										
Was meterological monitoring in compliance with Landfill Directive (LD) standard in reporting year +	Was leachate monitored in compliance wit LD standard in reporting year	Was Landfill Gas monitored in h 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					
		1											
	Manual linked above for relevant Landfil	I Directive monitoring standards											
Table 5 Capping-La	Area with temporary cap			Area with waste that should be permanently									
SELECT UNIT	SELECT UNIT	Area with final cap to LD Standard m2 ha, a	Area capped other	capped to date under licence	What materials are used in the cap	Comments							
*please note this include	es daily cover area			•			_						
Table 6 Leachate-La							-						
	e treated in a Waste Water Treatment Pla surface water? If yes please complete leac		v			SELECT 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 rep	orted in the landfill gas section is	consistent with the Landfi	II Gas Survey submitted in	conjunction with PRTR returns								
Table 7 Landfill Gas	s-Landfill only				_		_						
Gas Captured&Treated			Was surface emissions monitoring performed										
by LFG System m3	Power generated (MW / KWh)	Used on-site or to national grid	during the reporting year	Comments									
			SELECT		J								

#### 3.12. PRTR Return 2013 Data



Year: 2013 I

REFERENCE YEAR 2013

**Guidance to completing the PRTR workbook** 

#### **AER Returns Workbook**

Version 1.1.18

1. FACILITY IDENTIFICATION	
Parent Company Name	Lawlor Brothers Waste Disposal Limited
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 Recycling or reclamation of organic substances which are not used as solvents (including composting and 4.2 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 Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than 3.13 temporary storage, pending collection, on the premises where the waste concerned is produced. 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 Brian King AER Returns Contact Email Address environmantal@accesswaste.ie AER Returns Contact Position Environmental Health & Safety Manager AER Returns Contact Telephone Number 01 4277709 AER Returns Contact Mobile Phone Number 087 2968254 AER Returns Contact Fax Number **Production Volume Production Volume Units** Number of Installations Number of Operating Hours in Year 2000 Number of Employees User Feedback/Comments

#### 2. PRTR CLASS ACTIVITIES

THE CENTRAL PROPERTY OF THE CE							
Activity Number	Activity Name						
50.1	General						
5(c)	nstallations for the disposal of non-hazardous waste						
50.1	General						
0011/EUE0 EE011 AE10110 (01 1) E10 (0000)							

Web Address www.accesswaste.ie

activities) ? No

3. SOLVENTS REGULATIONS (S.I. No. 543 of 200	JEVEN 15 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?								

#### 4. WASTE IMPORTED/ACCEPTED ONTO SITE Guidance on waste imported/accepted onto site Do you import/accept waste onto your site for or site treatment (either recovery or disposal

This question is only applicable if you are an IPPC or Quarry site

**AER 2013** 

**4.1 RELEASES TO AIR** Link to previous years emissions data PRTR#: W0227 | Facility Name: Lawlor Brothers Waste Disposal Ltd t/a Access Skip Hire | Filename: W0227\_2013.xls | Return Year: 2013 | 26/03/2014 09:43 **SECTION A: SECTOR SPECIFIC PRTR POLLUTANTS** RELEASES TO AIR ADD EMISSION POINT QUANTITY POLLUTANT METHOD Method Used No. Annex II Name M/C/F Method Code Designation or Description **Emission Point 1** T (Total) KG/Year A (Accidental) KG/Year F (Fugitive) KG/Year 0.0 0.0 ADD NEW DELETE ROW \* \* 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 se enter all quantities in this section in KGs POLLUTANT METHOD ADD EMISSION POINT QUANTITY Method Used No. Annex II 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 \* 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 **POLLUTANT** METHOD ADD EMISSION POINT QUANTITY Method Used Pollutant No. Name Method Code Designation or Description **Emission Point 1** T (Total) KG/Year A (Accidental) KG/Year F (Fugitive) KG/Year ADD NEW DELETE ROW \* \* 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

	Lawlor Brothers Waste Disposal Ltd t/a Access Skip					
Landfill:	Hire					
Please enter summary data on the						
quantities of methane flared and / or						
utilised			Metho	od Used		
				Designation or	Facility Total Capacity m3	
additional pollutant no	T (Total) kg/Year	M/C/E	Method Code	Description	per hour	
Total estimated methane generation (as per						
site model)	0.0				N/A	
Methane flared	0.0				0.0	(Total Flaring Capacity)
Methane utilised in engine/s	0.0				0.0	(Total Utilising Capacity)
Net methane emission (as reported in Section						
A above	0.0				N/A	

Link to previous years emissions data

**AER 2013** 

**4.2 RELEASES TO WATERS** 

**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 on **RELEASES TO WATERS** POLLUTANT ADD EMISSION POINT 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 DELETE ROW \* \* 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** ease enter all quantities in this section in K POLLUTANT QUANTITY ADD EMISSION POINT 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 ADD NEW DELETE ROW \* \* 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** ADD EMISSION POINT QUANTITY Method Used T (Total) KG/Year A (Accidental) KG/Year F (Fugitive) KG/Year Pollutant No. Method Code Name M/C/E Designation or Description Emission Point 1 0.0 ADD NEW DELETE ROW \* \* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

PRTR#: W0227 | Facility Name: Lawlor Brothers Waste Disposal Ltd t/a Access Skip Hire | Filename: W0227 | 2013.xls | Return Year: 2013 |

26/03/2014 09:43

**AER 2013** 

#### 4.3 RELEASES TO WASTEWATER OR SEWER

Link to previous years emissions data

| PRTR# : W0227 | Facility Name : Lawlor Brothers Waste Disposal Ltd t/a Access Skip Hire | Filenal

26/03/2014 09:43

ECTION A	A : PRTR P	OLLUTANTS
----------	------------	-----------

OLO HOM A . I KII	CI OLLO IAITIO									
		OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREAT	MENT OR	SEWER		Please enter all quantities in this section in KGs				
		POLLUTANT			METHOD	ADD EMISSION POINT	D EMISSION POINT 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	1	0.0 0.0	0.0	
ADD NEW	DELETE ROW*	* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button								

SECTION B - REMAINING POLITITANT EMISSIONS (as required in your Licence)

	SECTION B. KEMI	AINING PULLUTANT E	wissions (as required in your Licence)							
			OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREAT	MENT OR	SEWER		Please enter all quantities in this section in KGs			
			POLLUTANT		N	METHOD	ADD EMISSION POINT			
						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
Ì							0.0		0.0 0.0	0.0
	ADD NEW	DELETE ROW*	* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button							

**AER 2013** 

**4.4 RELEASES TO LAND** 

ADD NEW

Link to previous years emissions data

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

PRTR#: W0227 | Facility Name: Lawlor Brothers Waste Disposal Ltd t/a Access Skip Hire | Filename: W0227\_2013.xls | Return Year: 2013 |

26/03/2014 09:43

**SECTION A: PRTR POLLUTANTS** 

		RELEASES TO LAND	Please enter all quantities	in this section in KGs				
	PO		METH	OD	ADD EMISSION POINT		QUANTITY	
			Me	ethod Used				
1	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
- 7	ADD NEW DELETE ROW *	* Select a row by double-clicking on the Pollutant Name (Column E	) then click the	e delete button				

DELETE ROW \*

<b>SECTION B</b>	: REMAINING POLLUTANT EMIS	SSIONS (as required in your Licence)						
		RELEASES TO LAND	Please enter all quantities	in this section in KGs				
	РО	LLUTANT		METH	OD	ADD EMISSION POINT		QUANTITY
				Me	ethod 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

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE | PRTR# : W0227 | Facility Name : Lawlor Brothers Waste Disposal Ltd t/a Access Skip Hire | Filename : W0227\_2013.xls | Return Year : 2013 |

Place enter all quantities on this sheet in Tonnes

			Please enter	all quantities on this sheet in Tonnes								0
			Quantity (Tonnes per Year)		Wests		Method Used		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)
	European Waste				Waste Treatment			Location of				
Transfer Destination	Code	Hazardous		Description of Waste	Operation	M/C/E	Method Used	Treatment				
Within the Country	16 01 03	No	24.02	end-of-life tyres mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17	R12	M	Weighed	Offsite in Ireland	Crumbrubber Ltd.,WFP-LH- 10-0005-01 L Behan Aggregates & Recycling Ltd.COR-DS-12-	Mooretown, Dromiskin, Dunda Ik, Co. Louth, Ireland Windmill Hill Quarry Rathcoole,,,,, Co.		
Within the Country	17 01 07	No	10040.57	01 06 mixture of concrete, bricks, tiles and	R5	М	Weighed	Offsite in Ireland	0002-01  Behans Land	Dublin,Ireland		
Within the Country	17 01 07	No	4772.92	ceramics other than those mentioned in 17 01 06 mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17	R5	М	Weighed	Offsite in Ireland	Restoration,W0247-01 Kilmainhamwood Compost Padraig Thornton Waste	Blackhall,Punchestown,Naas ,Co Kildare,Ireland Ballynalurgan Kilmainhamwood Kells		
Within the Country	17 01 07	No	557.7	1 01 06 mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17	R5	М	Weighed	Offsite in Ireland	Disposal Limited,W0195-02 Knockharley Landfill Greenstar Holdings	,,,,Co. Meath,Ireland  Knockharley Navan ,,,,Co		
Within the Country	17 01 07	No	22.96	on 06 soil and stones other than those mentioned	R5	M	Weighed	Offsite in Ireland		Meath,Ireland Blackhall.Punchestown.Naas		
Within the Country	17 05 04	No	1406.42	in 17 05 03	R12	M	Weighed	Offsite in Ireland	Restoration,W0247-01	,Co Kildare,Ireland Parsonstown Loughnacush Kilkeaskin Drumond		
				soil and stones other than those mentioned					Drehid Waste Management Facility Bord na Mona	Timahoe West Coolcarrigan Carbury ,,,,,Co.		
Within the Country	17 05 04	No	16.4	in 17 05 03 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17	R12	М	Weighed	Offsite in Ireland		Kildare,Ireland Killeen Road,Ballyfermot,Dublin,10,Ir		
Within the Country	17 09 04	No	107.88	09 02 and 17 09 03	R12	М	Weighed	Offsite in Ireland	Centre, W0044-02 Environmental Metal Recycling Ltd. T/A National Recycling, WFP-DS-10-0005-	eland		
Within the Country	19 12 03	No	29.86	Aluminium	R4	М	Weighed	Offsite in Ireland	01 Environmental Metal Recycling Ltd. T/A National	,,,,Dublin 22,Ireland		
Within the Country	19 12 03	No	4.42	Metal cable	R4	М	Weighed	Offsite in Ireland	Recycling,WFP-DS-10-0005- 01  Drehid Waste Management	Station Road Clondalkin ,,,,,Dublin 22,Ireland Parsonstown Loughnacush Kilkeaskin Drumond Timahoe West Coolcarrigan		
Within the Country	19 12 07	No	2014.58	wood other than that mentioned in 19 12 06	R11	М	Weighed	Offsite in Ireland	Facility Bord na Mona Plc,W0201-03 Padraic Thornton Waste	Carbury ,,,,,Co. Kildare,Ireland		
Within the Country	19 12 07	No	466.6	wood other than that mentioned in 19 12 06	R11	М	Weighed	Offsite in Ireland	Disposal Ltd,WFP-KE-10- 0061-01	Oldmilltown Kill ,,,,,Co. Kildare,Ireland		
Within the Country	19 12 07	No	31.3	wood other than that mentioned in 19 12 06	R11	М	Weighed	Offsite in Ireland	Ray Gough,Private Land Owner Knockharley Landfill	Suncroft,,Co. Kildare,Ireland		
Within the Country	19 12 07	No	66.66	wood other than that mentioned in 19 12 06	R11	М	Weighed	Offsite in Ireland	Kilmainhamwood Compost	Knockharley Navan ,,Co Meath,Ireland Ballynalurgan		
Within the Country	19 12 07	No	14.92	wood other than that mentioned in 19 12 06	R11	М	Weighed	Offsite in Ireland	Padraig Thornton Waste Disposal Limited,W0195-02	Kilmainhamwood Kells ,,,,,Co. Meath,Ireland		

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								Knockharley Landfill	
								Greenstar Holdings	Knockharley Navan ,,,,Co
Within the Country	19 12 09	No	159.82 minerals (for example sand, stones)	R11	M	Weighed	Offsite in Ireland	Ltd,W0146-02	Meath, Ireland
Within the Country	10 12 00	110	100.02 minoraio (rei oxampio cana, etenco)	IXIII		Weighted	Official II II ciaria	TPS Delahunt Ltd.,WFP-	Balleese,Rathdrum,Co
Within the Country	19 12 09	No	1347.32 minerals (for example sand, stones)	R11	M	Weighed	Offsite in Ireland		Wicklow, Ireland
Wilding and Country	.0 .2 00		To Those Timerale (for example carra, etchice)			rroignou	Onono in noiding	12 0010 01	Parsonstown Loughnacush
									Kilkeaskin Drumond
								Drehid Waste Management	Timahoe West Coolcarrigan
								Facility Bord na Mona	Carbury ,,,,,Co.
Within the Country	19 12 09	No	7159.06 minerals (for example sand, stones)	R11	M	Weighed	Offsite in Ireland	Plc,W0201-03	Kildare, Ireland
			other wastes (including mixtures of						
			materials) from mechanical treatment of					Knockharley Landfill	
			wastes other than those mentioned in 19 12					Greenstar Holdings	Knockharley Navan ,,,,,Co
Within the Country	19 12 12	No	22.66 11	D1	M	Weighed	Offsite in Ireland	Ltd,W0146-02	Meath,Ireland
									Parsonstown Loughnacush
			other wastes (including mixtures of						Kilkeaskin Drumond
			materials) from mechanical treatment of					Drehid Waste Management	Timahoe West Coolcarrigan
			wastes other than those mentioned in 19 12	5.				Facility Bord na Mona	Carbury ,,,,,Co.
Within the Country	19 12 12	No	5600.58 11	D1	M	Weighed	Offsite in Ireland	Plc,W0201-03	Kildare,Ireland
								Thorntona Beaugling Centre	
								Thorntons Recycling Centre Padraig Thornton Waste	Killeen Road Ballyfermot
Within the Country	15.01.01	No	20.94 paper and cardboard packaging	R12	М	Weighed	Offsite in Ireland	Disposal Ltd,W0044-02	,,,,Dublin 10,Ireland
William the Country	13 01 01	INU	20.94 paper and cardboard packaging	KIZ	IVI	Weighed	Offsite in freiand	L Behan Aggregates &	Windmill Hill Quarry
			soil and stones other than those mentioned					Recycling Ltd,COR-DS-12-	Rathcoole ,,,,Co.
Within the Country	17 05 04	No	501.28 in 17 05 03	R12	М	Weighed	Offsite in Ireland	0002-01	Dublin, Ireland
William and Country			001120 11 12 12			rroignou	Onono in noidina		Unit 74A Naas Industrial
			gypsum-based construction materials other					Allied Waste Management	Estate Naas,,Co.
Within the Country	17 08 02	No	18.84 than those mentioned in 17 08 01	R12	M	Weighed	Offsite in Ireland	Limited,WFP-KE-08-0347-01	Kildare, Ireland
								Thorntons Recycling Centre	Killeen Road
								Padraig Thornton Waste	Ballyfermot,,Dublin
Within the Country	19 12 10	No	3461.18 combustible waste (refuse derived fuel)	R1	M	Weighed	Offsite in Ireland	Disposal Ltd,W0044-02	10,Ireland
									Parsonstown Loughnacush
								Building Manager	Kilkeaskin Drumond
								Drehid Waste Management	Timahoe West Coolcarrigan
Within the Country	19 12 10	No	37.82 combustible waste (refuse derived fuel)	R1	М	Weighed	Offsite in Ireland	Facility Bord na Mona Plc,W0201-03	Carbury ,,,,Co. Kildare,Ireland
within the Country	19 12 10	INU	37.62 Combustible waste (refuse derived ruer)	KI	IVI	weigned	Offsite in freiand	PIC,VV0201-03	Nildale, lielalid
								Nurendale Ltd. T/A Panda	Rathdrinagh Beauparc
Within the Country	19 12 10	No	36.24 combustible waste (refuse derived fuel)	R1	М	Weighed	Offsite in Ireland	Waste Services,W0140-03	Navan ,,,,Co. Meath,Ireland
Within the Country	10 12 10	110	00.24 demodelable made (relace demodrate)	IX.		Weighted	Official II II ciaria		Transity in the state of the st
								Environmental Metal	
								Recycling Ltd. T/A National	
								Recycling,WFP-DS-10-0005-	Station Road Clondalkin
Within the Country	19 12 02	No	558.44 ferrous metal	R4	M	Weighed	Offsite in Ireland	01	,,,,Dublin 22,Ireland
									Conway Port Industrial
								Multimetals Recycling	Estate Bollarney ,The
Within the Country	19 12 02	No	325.12 ferrous metal	R4	M	Weighed	Offsite in Ireland	Ltd,WFP-WW-10-0014-02	Murrough ,.,Wicklow,Ireland
									Conway Port Industrial
Maria Control	10.10.00	NI.	44.04 (	D.4		Martin and	Official to both	Multimetals Recycling	Estate Bollarney ,The
Within the Country	19 12 03	No	11.84 non-ferrous metal	R4	M	Weighed	Offsite in Ireland	Ltd,WFP-WW-10-0014-02	Murrough ,.,Wicklow,Ireland
								Eirebloc Ltd,WFP-CK-13-	Dunisky Lissarda Co
Within the Country	10 12 07	No	682.72 wood other than that mentioned in 19 12 06	D11	М	Weighod	Offsite in Ireland	0127-01	Dunisky Lissarda ,,,,,Co. Cork,Ireland
Within the Country	19 12 07	No	602.72 Wood other than that mentioned in 19 12 06	KII	IVI	Weighed	Onsite in Ireland	0127-01	Cork,ii elaliu

								Stan O'Reilly t/a C & D			
								Recycling,NWCPO-09-	Tinakilly Rathnew,,,,,Co.		
Within the Country	20 03 07	No	12.72 bulky waste	R12	M	Weighed	Offsite in Ireland	09157-03	Wicklow,Ireland		
								Everyday Waste & Skiphire			
	.=		soil and stones other than those mentioned					T/A All Away Recycling,WFP-			
Within the Country	17 05 04	No	138.14 in 17 05 03	R12	M	Weighed	Offsite in Ireland		Ringsend ,,,,,Dublin 4,Ireland		
	10.10.07	A1.	04.4	5.1		144-1-1-1	000000000000000000000000000000000000000	Clonmel Waste Disposal	Lawlesstown Clonmel		
Within the Country	19 12 07	No	94.1 wood other than that mentioned in 19 12 06 mixture of concrete, bricks, tiles and	RTI	M	Weighed	Offsite in Ireland	Ltd,WFP-TS-11-0001-01	,,,,,Co. Tipperary,Ireland		
			ceramics other than those mentioned in 17					Con Counihan.NWCPO-01-	Glencarrick Rathcore		
Within the Country	17 01 07	No	342.24 01 06	R5	М	Weighed	Offsite in Ireland		Enfield,,Co. Meath,Ireland		
Triaini alo ocultaj	11 01 01	110	012.21 01 00	110		TTOIGHOU	Onoito in irolana	0000101	Sonna Slanemore		
								Conrov Recycling Co.	MullingarCo.		
Within the Country	19 12 07	No	180.62 wood other than that mentioned in 19 12 06	R11	M	Weighed	Offsite in Ireland		Westmeath, Ireland		
·									Mylerstown		
			soil and stones other than those mentioned					Noel & Catherine	Robertstown,,.Co.		
Within the Country	17 05 04	No	4050.6 in 17 05 03	R12	M	Weighed	Offsite in Ireland	Logan,COR-KE-08-0003-01	Kildare,Ireland		
										Rital Environmental	
									Black 400 Courts British	Limited,W0192-02,Block	District 100 Occurs District
									Block 402 Grants Drive Greenogue Business Park		Block 402 Grants Drive Greenogue Business
			construction materials containing asbestos					Rilta Environmental	Rathcoole.Co.	Greenogue Business ParkRathcoole.Co.	ParkRathcoole.Co.
Within the Country	17.06.05	Yes	1.12 (18)	D12	М	Weighed	Offsite in Ireland		Dublin,Ireland	Dublin.Ireland	Dublin,Ireland
Within the Country	17 00 03	163	1.12 (10)	D12	IVI	Weighted	Offsite in freiand	Ltd, *** 0 102-02	504A Greenogue Business	Bubiiii,ii ciana	Dabiiri, ir ciaria
									Park Greenogue Industrial		
									Estate Rathcoole ,,,,,Dublin		
Within the Country	20 01 11	No	0.22 textiles	R13	M	Weighed	Offsite in Ireland	Textile Recycling Ltd,.	24,Ireland		
									Clonminam Industrial Estate		
			sludges from on-site effluent treatment					Enva Ireland Ltd	Portlaoise ,,,,,Co.		
Within the Country	19 11 06	No	18.8 other than those mentioned in 19 11 05	R10	M	Weighed	Offsite in Ireland	(Portlaoise),W0184-01	Laois,Ireland		
			and the second second second					The automo Benedica Contra			
			mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17					Thorntons Recycling Centre Padraig Thornton Waste	Killeen Road Ballyfermot		
Within the Country	17 01 07	No	249.34 01 06	R5	М	Weighed	Offsite in Ireland	•	Dublin 10,Ireland		
Within the Country	17 01 07	110	240.04 01 00	110		Weighted	Official III ficialia	Biopodai Eta, VV 0044 02	,,,,,Dabiiii To,iTolaila		
			discarded electrical and electronic							Rehab Glassco Ltd,WFP-KE-	
			equipment other than those mentioned in 20						Unit 4 Osbertown Industrial	08-0957-01,Unit 4	Unit 4 Osbertown Industrial
			01 21 and and 20 01 23 containing					Rehab Glassco Ltd,WFP-KE-			Park Caragh
Within the Country	20 01 35	Yes	17.32 hazardous components	R4	M	Weighed	Offsite in Ireland	08-0957-01	Road,,,,,Naas,Ireland	Caragh Road,,,,,Naas,Ireland	Road,.,.,Naas,Ireland
			mixture of concrete, bricks, tiles and						Clonross		
			ceramics other than those mentioned in 17					Compliance Engineering	Dunshaughlin,,Co.		
Within the Country	17 01 07	No	200.88 01 06	R5	M	Weighed	Offsite in Ireland	Ireland Ltd,.	Meath, Ireland		
Within the Country	16 05 05	No	gases in pressure containers other than 1.9 those mentioned in 16 05 04	R4	М	Weighed	Offsite in Ireland	Calor Teoranta	Calor Gas Long Mile Road,,Dublin 12,Ireland		
William the Country	10 03 03	INO	1.9 those mentioned in 10 03 04	174	IVI	Weighed	Olisile III Ilelaliu	Sinead Maher	Noau,.,.,Dubiiii 12,ireiariu		
								T/A Boomerang Skips and			
								Recycling,NWCPO-05-	Mill Rd Thurles,,Co.		
Within the Country	19 12 07	No	263.26 wood other than that mentioned in 19 12 06	R11	M	Weighed	Offsite in Ireland	10363-03	Tipperary, Ireland		
ADD NEW ROW	DELETE ROW*	* Select a row by doub	le-clicking the Description of Waste then click the delete button			-					