

Annual Environmental Report

2014



License No.

W0227-01

Reporting Period:

1st January to 31st December 2014

Submission Deadline:

31st March 2015

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

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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 2014 to 31st of December 2014.

We welcome the Agency's AER reporting templates which have been used for this AER. The majority of our emissions monitoring in 2014 was compliant, with the exception of some issues relating to elevated dust level and exceedance of ELV of mineral oils in foul water, which have since been resolved. As part of our environmental management programme for 2015, 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 2014.

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. We have maintained a level of reasonable environmental compliance throughout the year 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 2015 and working closely with the Agency to overcome same.

Kind Regards,



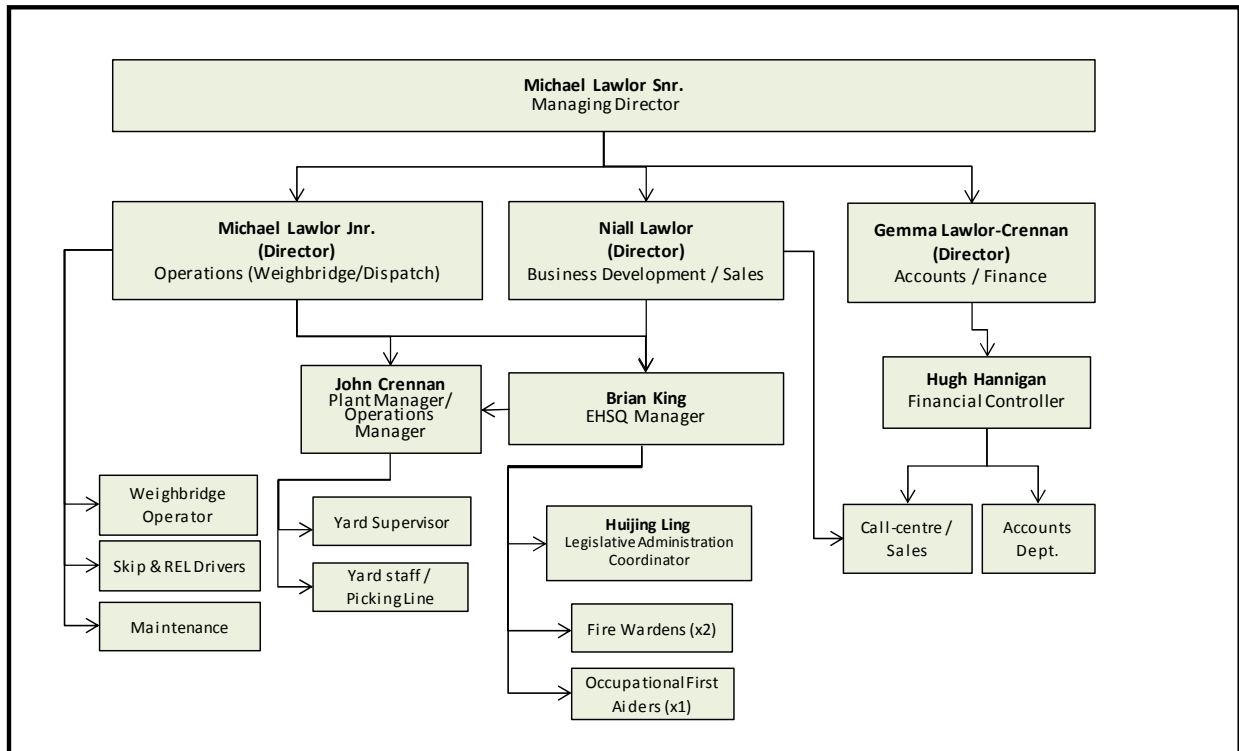
Niall Lawlor

Director

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

2. Environmental Management - Organisational Chart

Ms. Huijing Ling has been hired as a Legislative Administration Coordinator to assist our EHSQ Manager Brian King in communicating with EPA as well as other regulatory authorities since February 2014. This has led to a review of the company's organisational chart as follows;



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 2014 data

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3.1. Facility Summary Information

Facility Information Summary	
AER Reporting Year	2014
Licence Register Number	W0227-01
Name of site	Lawlor Brothers (Waste Disposal) Ltd. T/A Access Waste Recycling
Site Location	Unit 28 JFK Road, JFK Industrial Estate, Naas Road, Dublin 12
NACE Code	3832
Class/Classes of Activity	Class 11, 12 & 13 (Third Schedule of Waste Management Act 1996-2005) Class 2, 3, 4 & 13 (Fourth Schedule of Waste 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.	<p>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.</p> <p>Mechanical sorting achieved by way of trommel, screening, windshifters and picking line. Segregated fractions are then sent offsite to suitably licensed facilities for further recycling/recovery/disposal.</p> <p>Monitoring carried out to measure dust levels, stormwater and foulwater emissions. Stormwater trigger limits have been set up and approved by EPA since September 2014. Both storm and foulwater drainage systems are fitted with interceptors and are subject to periodic integrity testing as part of PM schedule.</p> <p>One ELV exceedance of dust (Q2 at DM2) and one ELV exceedance of foulwater (Q3, mineral oils) were reported to EPA during 2014.</p> <p>All waste entering and leaving site is subject to checks and weighing at weighbridge with all records available.</p>

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.

	27/03/2015
Signature Group/Facility manager (or nominated, suitably qualified and experienced deputy)	Date

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3.2. Air

AIR-summary template	Lic No: W0227-01	Year: 2014
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Answer all questions and complete all tables where relevant

Additional information

- 1 Does your site have licensed air emissions? If yes please complete table A1 and A2 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 A4 and A5) you do not need to complete the tables

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	
-----	--

- 3 Was all monitoring carried out in accordance with EPA guidance [Basic air monitoring checklist](#) note AG2 and using the basic air monitoring checklist? [AGN2](#)

Yes	
-----	--

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

Emission reference no:	Parameter/ Substance	Frequency of Monitoring	ELV in licence or any revision thereof	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence limit	Method of analysis	Annual mass load (kg)	Comments -reason for change in % mass load from previous year if applicable
DM1	Dust	Four times a year (R1)	350	Monthly average < ELV	271.03	mg/m2/day	yes	Bergerhoff Gauge		
DM2	Dust	Four times a year (R1)	350	Monthly average < ELV	95.41	mg/m2/day	yes	Bergerhoff Gauge		
DM3	Dust	Four times a year (R1)	350	Monthly average < ELV	116.38	mg/m2/day	yes	Bergerhoff Gauge		
DM1	Dust	Four times a year (R2)	350	Monthly average < ELV	242.72	mg/m2/day	yes	Bergerhoff Gauge		
DM2	Dust	Four times a year (R2)	350	Monthly average < ELV	365.91	mg/m2/day	no (if no please enter details in comments box)	Bergerhoff Gauge		dry weather
DM3	Dust	Four times a year (R2)	350	Monthly average < ELV	253.73	mg/m2/day	yes	Bergerhoff Gauge		

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DM1	Dust	Four times a year (R3)	350	Monthly average < ELV	246.39	mg/m2/day	yes	Bergerhoff Gauge		
DM2	Dust	Four times a year (R3)	350	Monthly average < ELV	190.3	mg/m2/day	yes	Bergerhoff Gauge		reduction due to site road spray and speed limit applied to on-site traffic
DM3	Dust	Four times a year (R3)	350	Monthly average < ELV	104.32	mg/m2/day	yes	Bergerhoff Gauge		
DM1	Dust	Four times a year (R4)	350	Monthly average < ELV	192.92	mg/m2/day	yes	Bergerhoff Gauge		
DM2	Dust	Four times a year (R4)	350	Monthly average < ELV	71.3	mg/m2/day	yes	Bergerhoff Gauge		
DM3	Dust	Four times a year (R4)	350	Monthly average < ELV	127.91	mg/m2/day	yes	Bergerhoff Gauge		

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

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Continuous Monitoring	
4 Does your site carry out continuous air emissions monitoring? If yes please review your continuous monitoring data and report the required fields below in Table A2 and compare it to its relevant Emission Limit Value (ELV)	<div style="border: 1px solid black; padding: 2px;">No</div>
5 Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below	<div style="border: 1px solid black; padding: 2px;">SELECT</div>
6 Do you have a proactive service agreement for each piece of continuous monitoring equipment?	<div style="border: 1px solid black; padding: 2px;">SELECT</div>
7 Did your site experience any abatement system bypasses? If yes please detail them in table A3 below	<div style="border: 1px solid black; padding: 2px;">SELECT</div>

Table A2: Summary of average emissions -continuous monitoring

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

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

Table A3: Abatement system bypass reporting table [Bypass protocol](#)

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

Solvent use and management on site									
8 Do you have a total Emission Limit Value of direct and fugitive emissions on site? if yes please fill out tables A4 and A5								No	
Table A4: Solvent Management Plan Summary			Solvent regulations Please refer to linked solvent regulations to complete table 5 and 6						
Total VOC Emission limit value									
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 thereof		Compliance			
						SELECT			
						SELECT			
Table A5: Solvent Mass Balance summary									
	(I) Inputs (kg)		(O) Outputs (kg)						
Solvent	(I) Inputs (kg)	Organic solvent emission in waste	Solvents lost in water (kg)	Collected waste solvent (kg)	Fugitive Organic Solvent (kg)	Solvent released in other ways e.g. by-	Solvents destroyed onsite through	Total emission of Solvent to air (kg)	
							Total		

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3.3. Water & Wastewater

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)	Lic No: W0227-01	Year 2014
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1 Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table W2 and W3 below for the current reporting year and answer further questions. If **you do not have** licenced emissions you only need to complete table W1 and or W2 for storm water analysis and visual inspections

Yes	Additional information
Yes	

2 Was it a requirement of your licence to carry out visual inspections on any surface water discharges or watercourses on or near your site? If yes please complete table W2 below summarising only any evidence of contamination noted during visual inspections

Table W1 Storm water 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	
	SELECT	SELECT	SELECT			SELECT		SELECT	SELECT	

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

Table W2 Visual inspections-Please only enter details where contamination was observed.

Location Reference	Date of inspection	Description of contamination	Source of contamination	Corrective action	Comments
			SELECT		
			SELECT		

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

3 Was there any result in breach of licence requirements? If yes please provide brief details in the comment section of Table W3 below

Yes	Additional information
Yes	

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 in additional information box

[External /Internal Lab Quality checklist](#) [Assessment of results checklist](#)

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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 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)	Comments
FW9	Wastewater/Sewer	pH	discrete	Quarterly (Q1)	Quarterly	6-10	No pH value shall deviate from the specified range.	7.5	pH units	yes	pH Meter (Electrode)	APHA / AWWA "Standard Methods"	Method 4500 - H+ B		
FW9	Wastewater/Sewer	COD	discrete	Quarterly (Q1)	Quarterly	3000	All results < 1.2 x ELV	6	mg/L	yes	Spectrophotometry (Colorimetry)	APHA / AWWA "Standard Methods"	Method 5220 D		
FW9	Wastewater/Sewer	BOD	discrete	Quarterly (Q1)	Quarterly	1000	All results < 1.2 x ELV	<2	mg/L	yes	Dissolved Oxygen Meter (Electrode)	APHA / AWWA "Standard Methods"	Method 5210 B		
FW9	Wastewater/Sewer	Suspended Solids	discrete	Quarterly (Q1)	Quarterly	1000	All results < 1.2 x ELV	8	mg/L	yes	Gravimetric analysis	APHA / AWWA "Standard Methods"	Method 2540 D		
FW9	Wastewater/Sewer	Mineral oils	discrete	Quarterly (Q1)	Quarterly	10	All results < 1.2 x ELV	2.047	mg/L	yes	GC-FID	US EPA	Method 8015B		
FW9	Wastewater/Sewer	Total phosphorus	discrete	Quarterly (Q1)	Quarterly	100	All results < 1.2 x ELV	0.097	mg/L	yes	Digestion + Spectrophotometry	APHA / AWWA "Standard Methods"	Method 4500 - P E		
FW9	Wastewater/Sewer	Detergents (as MBAS)	discrete	Quarterly (Q1)	Quarterly	100	All results < 1.2 x ELV	<0.05	mg/L	yes	Solvent Extraction/ Colorimetry	APHA / AWWA "Standard Methods"	Method 2540 D		
FW9	Wastewater/Sewer	Fats, Oils and Greases	discrete	Quarterly (Q1)	Quarterly	100	All results < 1.2 x ELV	<1	mg/L	yes	Solvent Extraction/ Gravimetry	APHA / AWWA "Standard Methods"	Method 5520 B		
FW9	Wastewater/Sewer	pH	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"	Method 4500 - H+ B		
FW9	Wastewater/Sewer	COD	discrete	Quarterly (Q2)	Quarterly	3000	All results < 1.2 x ELV	30	mg/L	yes	Spectrophotometry (Colorimetry)	APHA / AWWA "Standard Methods"	Method 5220 D		
FW9	Wastewater/Sewer	BOD	discrete	Quarterly (Q2)	Quarterly	1000	All results < 1.2 x ELV	7	mg/L	yes	Dissolved Oxygen Meter (Electrode)	APHA / AWWA "Standard Methods"	Method 5210 B		
FW9	Wastewater/Sewer	Suspended Solids	discrete	Quarterly (Q2)	Quarterly	1000	All results < 1.2 x ELV	3	mg/L	yes	Gravimetric analysis	APHA / AWWA "Standard Methods"	Method 2540 D		
FW9	Wastewater/Sewer	Mineral oils	discrete	Quarterly (Q2)	Quarterly	10	All results < 1.2 x ELV	0.069	mg/L	yes	GC-FID	US EPA	Method 8015B		
FW9	Wastewater/Sewer	Total phosphorus	discrete	Quarterly (Q2)	Quarterly	100	All results < 1.2 x ELV	0.167	mg/L	yes	Digestion + Spectrophotometry	APHA / AWWA "Standard Methods"	Method 4500 - P E		
FW9	Wastewater/Sewer	Detergents (as MBAS)	discrete	Quarterly (Q2)	Quarterly	100	All results < 1.2 x ELV	0.447	mg/L	yes	Solvent Extraction/ Colorimetry	APHA / AWWA "Standard Methods"	Method 2540 D		
FW9	Wastewater/Sewer	Fats, Oils and Greases	discrete	Quarterly (Q2)	Quarterly	100	All results < 1.2 x ELV	<1	mg/L	yes	Solvent Extraction/ Gravimetry	APHA / AWWA "Standard Methods"	Method 5520 B		

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FW9	Wastewater/Sewer	pH	discrete	Quarterly (Q3)	Quarterly	6-10	No pH value shall deviate from the specified range.	7	pH units	yes	pH Meter (Electrode)	APHA / AWWA "Standard Methods"	Method 4500 - H+ B		
FW9	Wastewater/Sewer	COD	discrete	Quarterly (Q3)	Quarterly	3000	All results < 1.2 x ELV	568	mg/L	yes	Spectrophotometry (Colorimetry)	APHA / AWWA "Standard Methods"	Method 5220 D		
FW9	Wastewater/Sewer	BOD	discrete	Quarterly (Q3)	Quarterly	1000	All results < 1.2 x ELV	155	mg/L	yes	Dissolved Oxygen Meter (Electrode)	APHA / AWWA "Standard Methods"	Method 5210 B		
FW9	Wastewater/Sewer	Suspended Solids	discrete	Quarterly (Q3)	Quarterly	1000	All results < 1.2 x ELV	82	mg/L	yes	Gravimetric analysis	APHA / AWWA "Standard Methods"	Method 2540 D		
FW9	Wastewater/Sewer	Mineral oils	discrete	Quarterly (Q3)	Quarterly	10	All results < 1.2 x ELV	15.898	mg/L	no (if no please enter details in comments box)	GC-FID	US EPA	Method 8015B		increased trade effluent generated on-site; interceptors emptied after the incident
FW9	Wastewater/Sewer	Total phosphorus	discrete	Quarterly (Q3)	Quarterly	100	All results < 1.2 x ELV	1.124	mg/L	yes	Digestion + Spectrophotometry	APHA / AWWA "Standard Methods"	Method 4500 - P E		
FW9	Wastewater/Sewer	Detergents (as MBAS)	discrete	Quarterly (Q3)	Quarterly	100	All results < 1.2 x ELV	0.232	mg/L	yes	Solvent Extraction/ Colorimetry	APHA / AWWA "Standard Methods"	Method 2540 D		
FW9	Wastewater/Sewer	Fats, Oils and Greases	discrete	Quarterly (Q3)	Quarterly	100	All results < 1.2 x ELV	8	mg/L	yes	Solvent Extraction/ Gravimetry	APHA / AWWA "Standard Methods"	Method 5520 B		
FW9	Wastewater/Sewer	pH	discrete	Quarterly (Q4)	Quarterly	6-10	No pH value shall deviate from the specified range.	7.1	pH units	yes	pH Meter (Electrode)	APHA / AWWA "Standard Methods"	Method 4500 - H+ B		
FW9	Wastewater/Sewer	COD	discrete	Quarterly (Q4)	Quarterly	3000	All results < 1.2 x ELV	25	mg/L	yes	Spectrophotometry (Colorimetry)	APHA / AWWA "Standard Methods"	Method 5220 D		
FW9	Wastewater/Sewer	BOD	discrete	Quarterly (Q4)	Quarterly	1000	All results < 1.2 x ELV	5	mg/L	yes	Dissolved Oxygen Meter (Electrode)	APHA / AWWA "Standard Methods"	Method 5210 B		
FW9	Wastewater/Sewer	Suspended Solids	discrete	Quarterly (Q4)	Quarterly	1000	All results < 1.2 x ELV	9	mg/L	yes	Gravimetric analysis	APHA / AWWA "Standard Methods"	Method 2540 D		
FW9	Wastewater/Sewer	Mineral oils	discrete	Quarterly (Q4)	Quarterly	10	All results < 1.2 x ELV	0.476	mg/L	yes	GC-FID	US EPA	Method 8015B		
FW9	Wastewater/Sewer	Total phosphorus	discrete	Quarterly (Q4)	Quarterly	100	All results < 1.2 x ELV	0.113	mg/L	yes	Digestion + Spectrophotometry	APHA / AWWA "Standard Methods"	Method 4500 - P E		
FW9	Wastewater/Sewer	Detergents (as MBAS)	discrete	Quarterly (Q4)	Quarterly	100	All results < 1.2 x ELV	0.378	mg/L	yes	Solvent Extraction/ Colorimetry	APHA / AWWA "Standard Methods"	Method 2540 D		
FW9	Wastewater/Sewer	Fats, Oils and Greases	discrete	Quarterly (Q4)	Quarterly	100	All results < 1.2 x ELV	<1	mg/L	yes	Solvent Extraction/ Gravimetry	APHA / AWWA "Standard Methods"	Method 5520 B		

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SW1	Water	pH	discrete	Quarterly (Q1)	Quarterly	6-9	No pH value shall deviate from the specified range.	7.7	pH units	yes	pH Meter (Electrode)	APHA / AWWA "Standard Methods"	Method 4500 - H+ B		
SW1	Water	Conductivity	discrete	Quarterly (Q1)	Quarterly	not specified	All results < 1.2 x ELV	383	µS/cm @20oC	yes	Conductivity Meter (Electrode)	APHA / AWWA "Standard Methods"	Method 2510 B		
SW1	Water	COD	discrete	Quarterly (Q1)	Quarterly	80	All results < 1.2 x ELV	22	mg/L	yes	Spectrophotometry (Colorimetry)	APHA / AWWA "Standard Methods"	Method 5220 D		
SW1	Water	Suspended Solids	discrete	Quarterly (Q1)	Quarterly	50	All results < 1.2 x ELV	9	mg/L	yes	Filtration/ Drying @104C	APHA / AWWA "Standard Methods"	Method 2540 D		
SW1	Water	Mineral oils	discrete	Quarterly (Q1)	Quarterly	not specified	All results < 1.2 x ELV	0.137	mg/L	yes	GC-FID	US EPA	Method 8015B		
SW1	Water	Ammonia (as N)	discrete	Quarterly (Q1)	Quarterly	1	All results < 1.2 x ELV	0.078	mg/L	yes	Spectrophotometry (Colorimetry)	APHA / AWWA "Standard Methods"	Method 4500 NH3 F		
SW1	Water	pH	discrete	Quarterly (Q2)	Quarterly	6-9	No pH value shall deviate from the specified range.	7.8	pH units	yes	pH Meter (Electrode)	APHA / AWWA "Standard Methods"	Method 4500 - H+ B		
SW1	Water	Conductivity	discrete	Quarterly (Q2)	Quarterly	not specified	All results < 1.2 x ELV	188.5	µS/cm @20oC	yes	Conductivity Meter (Electrode)	APHA / AWWA "Standard Methods"	Method 2510 B		
SW1	Water	COD	discrete	Quarterly (Q2)	Quarterly	80	All results < 1.2 x ELV	7	mg/L	yes	Spectrophotometry (Colorimetry)	APHA / AWWA "Standard Methods"	Method 5220 D		
SW1	Water	Suspended Solids	discrete	Quarterly (Q2)	Quarterly	50	All results < 1.2 x ELV	2	mg/L	yes	Filtration/ Drying @104C	APHA / AWWA "Standard Methods"	Method 2540 D		
SW1	Water	Mineral oils	discrete	Quarterly (Q2)	Quarterly	not specified	All results < 1.2 x ELV	0.121	mg/L	yes	GC-FID	US EPA	Method 8015B		
SW1	Water	Ammonia (as N)	discrete	Quarterly (Q2)	Quarterly	1	All results < 1.2 x ELV	0.709	mg/L	yes	Spectrophotometry (Colorimetry)	APHA / AWWA "Standard Methods"	Method 4500 NH3 F		
SW1	Water	pH	discrete	Quarterly (Q3)	Quarterly	6-9	No pH value shall deviate from the specified range.	7.9	pH units	yes	pH Meter (Electrode)	APHA / AWWA "Standard Methods"	Method 4500 - H+ B		
SW1	Water	Conductivity	discrete	Quarterly (Q3)	Quarterly	not specified	All results < 1.2 x ELV	1510	µS/cm @20oC	yes	Conductivity Meter (Electrode)	APHA / AWWA "Standard Methods"	Method 2510 B		
SW1	Water	COD	discrete	Quarterly (Q3)	Quarterly	80	All results < 1.2 x ELV	8	mg/L	yes	Spectrophotometry (Colorimetry)	APHA / AWWA "Standard Methods"	Method 5220 D		
SW1	Water	Suspended Solids	discrete	Quarterly (Q3)	Quarterly	50	All results < 1.2 x ELV	45	mg/L	yes	Filtration/ Drying @104C	APHA / AWWA "Standard Methods"	Method 2540 D		
SW1	Water	Mineral oils	discrete	Quarterly (Q3)	Quarterly	not specified	All results < 1.2 x ELV	0.432	mg/L	yes	GC-FID	US EPA	Method 8015B		
SW1	Water	Ammonia (as N)	discrete	Quarterly (Q3)	Quarterly	1	All results < 1.2 x ELV	0.027	mg/L	yes	Spectrophotometry (Colorimetry)	APHA / AWWA "Standard Methods"	Method 4500 NH3 F		

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SW1	Water	pH	discrete	Quarterly (Q4)	Quarterly	6-9	No pH value shall deviate from the specified range.	7.8	pH units	yes	pH Meter (Electrode)	APHA / AWWA "Standard Methods"	Method 4500 - H+ B		
SW1	Water	Conductivity	discrete	Quarterly (Q4)	Quarterly	not specified	All results < 1.2 x ELV	301	µS/cm @20oC	yes	Conductivity Meter (Electrode)	APHA / AWWA "Standard Methods"	Method 2510 B		
SW1	Water	COD	discrete	Quarterly (Q4)	Quarterly	80	All results < 1.2 x ELV	10	mg/L	yes	Spectrophotometry (Colorimetry)	APHA / AWWA "Standard Methods"	Method 5220 D		
SW1	Water	Suspended Solids	discrete	Quarterly (Q4)	Quarterly	50	All results < 1.2 x ELV	6	mg/L	yes	Filtration/ Drying @104C	APHA / AWWA "Standard Methods"	Method 2540 D		
SW1	Water	Mineral oils	discrete	Quarterly (Q4)	Quarterly	not specified	All results < 1.2 x ELV	<0.0025	mg/L	yes	GC-FID	US EPA	Method 8015B		
SW1	Water	Ammonia (as N)	discrete	Quarterly (Q4)	Quarterly	1	All results < 1.2 x ELV	0.317	mg/L	yes	Spectrophotometry (Colorimetry)	APHA / AWWA "Standard Methods"	Method 4500 NH3 F		

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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Continuous monitoring

5 Does your site carry out continuous emissions to water/sewer monitoring?

Additional Information	
No	

If yes please summarise your continuous monitoring data below in Table W4 and compare it to its relevant Emission Limit Value (ELV)

6 Did continuous monitoring equipment experience downtime? If yes please record downtime in table W4 below

SELECT	
SELECT	
SELECT	

7 Do you have a proactive service contract for each piece of continuous monitoring equipment on site?

8 Did abatement system bypass occur during the reporting year? If yes please complete table W5 below

Table W4: 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)	Number of ELV exceedences in 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 W5: 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

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3.4. Bund testing

Bund/Pipeline testing template	Lic No: W0227-01	Year: 2014
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Bund testing

dropdown menu click to see option

Additional information

Are you required by your licence to undertake integrity testing on bunds and containment structures ? if yes please fill out table B1 below listing all **new bunds and containment structures** on site, in addition to **all bunds which failed** the integrity test-**all bunding structures which failed including mobile bunds must be listed in the**

1 **table below, please include all bunds outside the licenced testing period** (mobile bunds and chemstore

2 Please provide integrity testing frequency period

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)

4 How many bunds are on site?

5 How many of these bunds have been tested within the required test schedule?

6 How many mobile bunds are on site?

7 Are the mobile bunds included in the bund test schedule?

8 How many of these mobile bunds have been tested within the required test schedule?

9 How many sumps on site are included in the integrity test schedule?

10 How many of these sumps are integrity tested within the test schedule?

Please list any sump integrity failures in table B1

11 Do all sumps and chambers have high level liquid alarms?

12 If yes to Q11 are these failsafe systems included in a maintenance and testir

13 Is the Fire Water Retention Pond included in your integrity test programme?

Yes	
3 years	
Yes	
10	
10	
0	
N/A	
N/A	
1	
1	

Yes	
Yes	
N/A	

Table B1: Summary details of bund /containment structure 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)
No Failures	SELECT					SELECT			SELECT	SELECT		SELECT		
	SELECT					SELECT			SELECT	SELECT		SELECT		

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

Has integrity testing been carried out in accordance with licence

15 requirements and are all structures tested in line with BS8007/EPA [bunding and storage guidelines](#)

16 Are channels/transfer systems to remote containment systems tested?

17 Are channels/transfer systems compliant in both integrity and available volume?

Commentary

Yes	
Yes	
Yes	

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Pipeline/underground structure testing

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**

1 **failed the integrity test and all which have not been tested within 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: Summary details of pipeline/underground structures 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)
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:	W0227-01	Year	2014
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		Comments	
1	Are you required to carry out groundwater monitoring as part of your licence requirements?	no	Please provide an interpretation of groundwater monitoring data in the interpretation box below or if you require additional space please include a groundwater/contaminated land monitoring results interpretaion as an additional section in this AER
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	Do monitoring results show that groundwater generic assessment criteria such as GTVs or IGVs are exceeded or is there an upward trend in results for a substance? If yes, please complete the Groundwater Monitoring Guideline Template Groundwater monitoring template Report (link in cell G8) and submit separately through ALDER as a licensee return AND answer questions 5-12 below.	N/A	Please enter interpretation of data here
5	Is the contamination related to operations at the facility (either current and/or historic)	N/A	
6	Have actions been taken to address contamination issues?If yes please summarise remediation strategies proposed/undertaken for the site	N/A	
7	Please specify the proposed time frame for the remediation strategy	N/A	
8	Is there a licence condition to carry out/update ELRA for the site?	N/A	
9	Has any type of risk assesment been carried out for the site?	N/A	
10	Has a Conceptual Site Model been developed for the site?	N/A	
11	Have potential receptors been identified on and off site?	N/A	
12	Is there evidence that contamination is migrating offsite?	N/A	

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**	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

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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**	Upward trend in yearly average pollutant concentration over last 5 years 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](#) [Drinking water](#) [Drinking water](#) [Interim](#)
[Surface](#) [regulations](#) [\(private supply\)](#) [\(public supply\)](#) [Guideline](#)
[water EQS](#) [GTV's](#) [standards](#) [standards](#) [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

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3.6. ELRA

Environmental Liabilities template		Lic No:	W0227-01	Year	2014
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			
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	20/05/2015			
8	Closure plan initial agreement status	Closure plan submitted and agreed by EPA			
9	Closure plan review status	Review required and completed			
10	Financial Provision for Closure status	Submitted and agreed by EPA			
11	Financial Provision for Closure - amount of cover	€6.5 million			
12	Financial Provision for Closure - type	Public Liability Insurance with Environmental Impairment Liability cover			
13	Financial provision for Closure expiry date	20/05/2015			

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3.7. EMP

Environmental Management Programme/Continuous Improvement Programme template		Lic No:	W0227-01	Year
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	Certified to ISO 14001	
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	Replace/Repair dust curtains in waste processing plant	70	Suitable dust curtains ordered and is now awaiting delivery	Section Head	Increased compliance with licence conditions
Reduction of emissions to Water	Set up stormwater trigger limits	100	Stormwater trigger limits were set up and approved by EPA	Section Head	Increased compliance with licence conditions
Materials Handling/Storage/Bunding	Improve waste storage on-site	100	Waste streams are stored on-site in designated areas only and are removed off-site promptly	Section Head	Improved Environmental Management Practices
Materials Handling/Storage/Bunding	Improve management of Waste Quarantine Area	100	Unacceptable/hazardous wastes temporarily stored on-site are stored in proper containers in Waste Quarantine Area and are transported off-site promptly by authorised waste collectors	Section Head	Improved Environmental Management Practices

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Materials Handling/Storage/Bunding	Develop Rejection Procedure for hazardous waste management	60	Backup destination facilities agreed and is now in the process of developing a Rejection Plan to deal with rejected hazardous waste loads	Section Head	Improved Environmental Management Practices
Additional improvements	Improve nuisance control	80	Yard housekeeping is implemented according to internal SOP; broken bird netting has been replaced	Section Head	Improved Environmental Management Practices
Additional improvements	Improve maintenance of waste processing plant	100	Plant maintenance has been implemented: key processing equipments are cleaned by trained staff bi-weekly	Section Head	Improved Environmental Management Practices
Additional improvements	Develop legal register and review and implement fully into EMS system	100	Legal register has been developed and compliance evaluations were carried out against applicable legislation	Section Head	Improved Environmental Management Practices

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3.8. Noise

Noise monitoring summary report	Lic No: W0227-01	Year: 2014
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- 1 Was noise monitoring a licence requirement for the AER period?
If yes please fill in table N1 noise summary below
- 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? [Noise Guidance note NG4](#)
- 3 Does your site have a noise reduction plan
- 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?

Table N1: 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 <u>site</u> compliant with noise limits (day/evening/night)?
06/10/2014	14:27 to 14:57	N/A	NSL1: outside cottage, 5m off killeen and approx. 150m north of AWR facility	71.1	59.5	75.0	87.9	No	No	No tonal or impulsive noise from site activities was recorded during either day or night time monitoring. Noise levels at NSL1 are prone to interference from busy road traffic on Killeen road and difference in Laeq between day and night measurements clearly shows the same.	Yes
06/10/2014	14:57 to 15:27	N/A	NSL1 as above	71.8	60.6	75.7	85.0	No	No	as above	Yes
06/10/2014	15:58 to 16:28	N/A	NSL1 as above	70.9	58.3	82.9	82.9	No	No	as above	Yes
06/10/2014	23:06 to 23:36	N/A	NSL1 as above	66.2	42.7	70.5	85.0	No	No	as above	Yes
07/10/2014	00:07 to 00:37	N/A	NSL1 as above	62.1	44.5	72.9	87.8	No	No	as above	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

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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)

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3.9. Resource-Energy

Resource Usage/Energy efficiency summary	Lic No:	W0227-01	Year	2014
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1 When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below

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

3 Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information

Additional information

	2011	
No		
SELECT		

Table R1 Energy usage on site				
Energy Use	Previous year	Current year	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)	171.226	164.001		
Total Energy Generated (MWHrs)	0	0		
Total Renewable Energy Generated (MWHrs)	0	0		
Electricity Consumption (MWHrs)	171.226	164.001		
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)	0	0		
Light Fuel Oil (m3)	2.481	3.105		
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		

* 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

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Table R2 Water usage on site				Water Emissions		Water Consumption	
Water use	Water extracted Previous year m3/yr.	Water extracted Current year m3/yr.	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*	Volume Discharged back to environment(m ³ yr):	Volume used i.e not discharged to environment e.g. released as steam m3/yr	Unaccounted for Water:
Groundwater							
Surface water							
Public supply	324	386					
Recycled water							
Total	324	386					

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

Table R4: 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					

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 Incidents summary template	Lic No:	W0227-01	Year	2014
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Complaints

Additional information

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	
----	--

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							0
Total new complaints received during reporting year							0
Total complaints closed during reporting year							0
Balance of complaints end of reporting year							0

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

*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	Likelihood of reoccurrence
23 June to 23 July	Breach of ELV	Dust Monitoring Point DM2	1. Minor	Air	Adverse weather		Normal activities	EPA	Recurring	Speed limit strictly applied to all vehicles on-site	Site road spray and refresher training to drivers on site speed limits	Complete	01/08/2014	Medium
24 July to 18 Sep	Breach of ELV	Foulwater Sampling Point FW9	1. Minor	Sewer	Operational controls	dry weather	Normal activities	EPA	New	Instruct drivers to wash down vehicles properly on-site	Oil interceptors are maintained in accordance with EPA license, especially if increased trade effluent generated on-site	Complete	28/10/2014	Low
	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	2													
Total number of incidents previous year	1													
% reduction/increase	100% increase													

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3.11. Waste

WASTE SUMMARY		Lic No:	W0227-01	Year	2014
SECTION A-PRTR ON SITE WASTE TREATMENT AND 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

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

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

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

Additional Information	
Yes	
No	
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 PRT

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 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 -
95,000	European Waste Catalogue 15 01 01	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	European Waste Catalogue EWC codes Paper & Cardboard Packaging	4.28	27.76	-85%		90%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0	

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95,000	15 01 03	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Wooden Packaging	49.12	126.88	-61%	95%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0
95,000	15 01 06	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Mixed Packaging	714.59	853.51	-16%	90%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0
95,000	17 01 07	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Mixture of Concrete, Bricks, Tiles and Ceramics other than those mentioned in 17 01 06	1,229.03	492.79	149%	Increase in construction sector and new grab hire services provides	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	15
95,000	17 02 01	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Wood	161.66	119.22	36%		R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0

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95,000	17 04 05	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Iron and Steel	5.30	4.94	7%			R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0
95,000	17 05 04	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Soil and Stones other than those mentioned in 17 05 03	3,407.74	2,170.56	57%	Increase in construction sector and new grab hire services provided by Access Waste Recycling		R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	40
95,000	17 08 02	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Gypsum-based Construction Materials other than those mentioned in 17 08 01	12.56	48.34	-74%	More enforcement on control of unacceptable/haz waste accepted onto facility		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	0
95,000	17 09 04	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Mixed Construction and Demolition Wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	43,050.99	34,745.78	24%			R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	500
95,000	18 01 04	18- WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)	Wastes whose collection and disposal is not subject to special requirements in order to prevent infection (for example dressings, plaster casts, linene, disposable clothing, diapers)	118.80	111.42	7%			D13- Blending or mixing prior to submission to any of the operations numbered D1 to D12	0

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95,000	20 01 11	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Textiles	0.34	0.00				R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	0.26	
95,000	20 02 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Biodegradable Garden and Park Wastes	339.38	476.68	-29%			R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0	
95,000	20 03 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Mixed Municipal Waste	270.40	1,962.21	-86%	Access Waste Recycling ceased to accept mixed municipal waste into our facility to prevent contamination		R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0	
95,000	20 03 03	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Street-cleaning residues	69.34	137.24	-49%			D13- Blending or mixing prior to submission to any of the operations numbered D1 to D12	0	
95,000	20 03 07	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Bulky Waste	2,743.30	3,858.27	-29%			R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	30	

Access Waste Recycling

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

Is all waste processing infrastructure as required by your licence and approved by the Agency in place? If no please list
4 waste processing infrastructure required onsite

Yes	
-----	--

Is all waste storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste
5 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

Table 2 Waste type and tonnage-landfill only

Waste types permitted for disposal	Authorised/licence annual intake for disposal (tpa)	Actual intake for disposal in reporting year (tpa)	Remaining licensed capacity at end of reporting year (m3)	Comments

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													

Access Waste Recycling

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Table 4 Environmental [Landfill Manual-Monitoring Standards](#)

meterological monitoring in compliance with Landfill Directive (LD) standard in	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	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
SELECT

10 Is leachate released to surface water? If yes please complete leachate mass load information below

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

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

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	

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3.12. PRTR Return 2014 Data



2014 |

[Guidance to completing the PRTR workbook](#)

AER Returns Workbook

Version 1.1.18

REFERENCE YEAR	2014
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1. FACILITY IDENTIFICATION

Parent Company Name	Lawlor Brothers (Waste Disposal) Limited, trading as Access Skip Hire
Facility Name	Lawlor Brothers Waste Disposal Ltd t/a Access Skip Hire
PRTR Identification Number	W0227
Licence Number	W0227-01

Classes of Activity

No.	class_name
-	Refer to PRTR class activities below

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	environmental@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	01 4500835
Production Volume	0.0
Production Volume Units	
Number of Installations	0
Number of Operating Hours in Year	2000
Number of Employees	42
User Feedback/Comments	Waste acceptance procedure is strictly followed, therefore, the quantities of hazardous asbestos materials and WEEE segregated from mixed waste streams reduced for 2014 compared with the figures of 2013.
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?	

4. WASTE IMPORTED/ACCEPTED ONTO SITE

[Guidance on waste imported/accepted onto site](#)

Do you import/accept waste onto your site for on-site treatment (either recovery or disposal activities)?	No
---	----

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

Access Waste Recycling
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4.1 RELEASES TO AIR

[Link to previous years emissions data](#)

PRTR#: WD227 | Facility Name: Lawlor Brothers Waste Disposal Ltd t/a Access Skip Hire | Filename: WD227_2014.xls | Return Year: 2014 |

20/03/2015 15:25

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO AIR					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			ADD EMISSION POINT	QUANTITY		
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

ADD NEW ROW 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					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			ADD EMISSION POINT	QUANTITY		
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

ADD NEW ROW 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 AIR					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			ADD EMISSION POINT	QUANTITY		
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

ADD NEW ROW 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 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					
Additional pollutant no	T (Total) kg/Year	M/C/E	Method Used		Facility Total Capacity m3 per hour
			Method Code	Designation or Description	
Total estimated methane generation (as per site model)	0.0				N/A
Methane flared	0.0				0.0 (Total Flaring Capacity)
Methane utilised in engine/s	0.0				0.0 (Total Utilising Capacity)
Net methane emission (as reported in Section A above)	0.0				N/A

Access Waste Recycling
AER 2014

4.2 RELEASES TO WATERS

[Link to previous years emissions data](#)

| PRTR#: W0227 | Facility Name: Lawlor Brothers Waste Disposal Ltd t/a Access Skip Hire | Filename: W0227_2014.xls | Return Year: 2014 |

20/03/2015 15:25

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

POLLUTANT		RELEASERS TO WATERS			ADD EMISSION POINT	QUANTITY		
No. Annex II	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
			Method Code	Designation or Description				
						0.0	0.0	0.0

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

SECTION B : REMAINING PRTR POLLUTANTS

POLLUTANT		RELEASERS TO WATERS			ADD EMISSION POINT	QUANTITY		
No. Annex II	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
			Method Code	Designation or Description				
						0.0	0.0	0.0

ADD NEW ROW | 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)

POLLUTANT		RELEASERS TO WATERS			ADD EMISSION POINT	QUANTITY		
Pollutant No.	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
			Method Code	Designation or Description				
						0.0	0.0	0.0

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

Access Waste Recycling
AER 2014

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 | FI

20/03/2015 15:25

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			ADD EMISSION POINT	QUANTITY			
No. Annex II	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year	
			Method Code	Designation or Description					
						0.0	0.0	0.0	0.0

ADD NEW ROW DELETE ROW * * 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			ADD EMISSION POINT	QUANTITY			
Pollutant No.	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year	
			Method Code	Designation or Description					
						0.0	0.0	0.0	0.0

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

Access Waste Recycling
AER 2014

4.4 RELEASES TO LAND

[Link to previous years emissions data](#)

| PRTR#: W0227 | Facility Name : Lawlor Brothers Waste Disposal Ltd t/a Access Skip Hire | Filename : W0227_2014.xls | Return Year : 2014

20/03/2015 15:25

SECTION A : PRTR POLLUTANTS

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

ADD NEW ROW DELETE ROW * * 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			ADD EMISSION POINT	QUANTITY			
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year		
						0.0	0.0	0.0	

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

Access Waste Recycling
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5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

| PRTR# : W0227 | Facility Name : Lawlor Brothers Waste Disposal Ltd t/a Access Skip Hire | Filename : W0227_2014.xls | Return Year : 2014 |

24/03/2015 14:57

Please enter all quantities on this sheet in Tonnes

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Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility	Non	Haz Waste : Address of Next Destination Facility	Name and 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		Haz Waste: Name and Licence/Permit No of Recoverer/Disposer	Non Haz Waste: Address of Recoverer/Disposer			
Within the Country	16 01 03	No	12.6	end-of-life tyres	R5	M	Weighed	Offsite in Ireland	Crumbubber Ltd.,WFP-LH-10-0005-01		Mooretown,Dromiskin,Dunda lk,Co. Louth,Ireland		
Within the Country	16 05 05	No	1.16	gases in pressure containers other than those mentioned in 16 05 04	R13	M	Weighed	Offsite in Ireland	Calor Teoranta., L Behan Aggregates & Recycling Ltd,COR-DS-12-0002-01		Calor Gas Long Mile Road,,Dublin 12,Ireland		
Within the Country	17 01 07	No	6190.62	01 06 mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 07	R5	M	Weighed	Offsite in Ireland	Behans Land Restoration,W0247-01		Windmill Hill Quarry Rathcoole ,,,Co. Dublin,Ireland		
Within the Country	17 01 07	No	4240.0	01 06 mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 07	R5	M	Weighed	Offsite in Ireland	Marrakesh Ltd,W0048-01		Blackhall,Punchestown,Naas ,Co Kildare,Ireland		
Within the Country	17 01 07	No	136.36	01 06 mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 07	R5	M	Weighed	Offsite in Ireland	Tom Gavin,WMP 30/2001B		Kilmurray South,Bray,Co. Wicklow,,Ireland		
Within the Country	17 01 07	No	97.9	01 06 soil and stones other than those mentioned in 17 05 03	R5	M	Weighed	Offsite in Ireland	Tom Gavin,WMP 30/2001B		Thornberry,Kill,Co. Kildare,,Ireland		
Within the Country	17 05 04	No	82.96	03 soil and stones other than those mentioned in 17 05 03	R5	M	Weighed	Offsite in Ireland	Callan Sand & Gravel Ltd,WFP-KE-09-0355-01		Thornberry,Kill,Co. Kildare,,Ireland		
Within the Country	17 05 04	No	295.16	03 soil and stones other than those mentioned in 17 05 03	R5	M	Weighed	Offsite in Ireland	Behans Land Restoration,W0247-01		North,Rathangan,Co. Kildare,,Ireland		
Within the Country	17 05 04	No	5265.36	03 soil and stones other than those mentioned in 17 05 03	R5	M	Weighed	Offsite in Ireland	Drehid Waste Management Facility Bord na Mona Plc,W0201-03		Blackhall,Punchestown,Naas ,Co Kildare,Ireland		
Within the Country	17 05 04	No	27.14	03 soil and stones other than those mentioned in 17 05 03	R5	M	Weighed	Offsite in Ireland	L Behan Aggregates & Recycling Ltd,COR-DS-12-0002-01		Parsonstown Loughnacush Kilkeaskin Drumond Timahoe West Coolcarrigan Carbury ,,,Co. Kildare,Ireland		
Within the Country	17 05 04	No	6085.92	03 soil and stones other than those mentioned in 17 05 03	R5	M	Weighed	Offsite in Ireland	Marrakesh Ltd,W0048-01		Windmill Hill Quarry Rathcoole ,,,Co. Dublin,Ireland		
Within the Country	17 05 04	No	88.28	03 soil and stones other than those mentioned in 17 05 03	R5	M	Weighed	Offsite in Ireland	Noel & Catherine Logan,COR-KE-08-0003-01		Kilmurray South,Bray,Co. Wicklow,,Ireland		
Within the Country	17 05 04	No	178.98	03 soil and stones other than those mentioned in 17 05 03	R5	M	Weighed	Offsite in Ireland			Mylerstown Robertstown,,Co. Kildare,Ireland		
Within the Country	17 06 05	Yes	0.44 (18)	construction materials containing asbestos	D15	M	Weighed	Offsite in Ireland	Ritla Environmental Ltd,W0192-03		Rital Environmental Limited,W0192-03,Block 402 Grants Drive ,Greenogue Business Park,Rathcoole,Co. Dublin,Ireland		Block 402 Grants Drive ,Greenogue Business Park,Rathcoole,Co. Dublin,Ireland

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Within the Country	17 08 02	No	gypsum-based construction materials other than those mentioned in 17 08 01	7.54	R13	M	Weighed	Offsite in Ireland	Allied Waste Management Limited,WFP-KE-08-0347-01 Thorntons Recycling Wood Chipping facility Padraic Thornton Waste Disposal Ltd,WFP-KE-10-0061-01	Unit 74A Naas Industrial Estate Naas,....Co. Kildare,Ireland
Within the Country	17 02 01	No	196.84 wood		R12	M	Weighed	Offsite in Ireland	Thornton Waste Disposal Ltd,WFP-KE-10-0061-01	Oldmilltown Kill ,....Co. Kildare,Ireland Clonminam Industrial Estate Portlaoise ,....Co. Laois,Ireland
Within the Country	19 11 06	No	sludges from on-site effluent treatment other than those mentioned in 19 11 05	11.86	D9	M	Weighed	Offsite in Ireland	Enva Ireland Ltd (Portlaoise),W0184-01	Conway Port Industrial Estate Bollarnay ,The Murrough ,Wicklow,Ireland
Within the Country	19 12 02	No	718.64 ferrous metal		R4	M	Weighed	Offsite in Ireland	Multimetals Recycling Ltd,WFP-WW-13-0014-03	Bluebell Industrial Estate,....Dublin 12,Ireland
Within the Country	19 12 02	No	119.4 ferrous metal		R13	M	Weighed	Offsite in Ireland	Mark O'Reilly Recycling Colfix (Dublin) Ltd,WFP-DS-10-0002-01	Station Road Clondalkin ,....Dublin 22,Ireland
Within the Country	19 12 03	No	9.74 aluminium		R4	M	Weighed	Offsite in Ireland	The Hammond Lane Metal Company Ltd,WFP-DS-10-0005-02	Bluebell Industrial Estate,....Dublin 12,Ireland
Within the Country	19 12 03	No	17.76 aluminium		R13	M	Weighed	Offsite in Ireland	Mark O'Reilly Recycling Colfix (Dublin) Ltd,WFP-DS-10-0002-01	Station Road Clondalkin ,....Dublin 22,Ireland
Within the Country	19 12 03	No	0.76 mixed cable		R4	M	Weighed	Offsite in Ireland	The Hammond Lane Metal Company Ltd,WFP-DS-10-0005-02	Bluebell Industrial Estate,....Dublin 12,Ireland
Within the Country	19 12 03	No	0.94 mixed cable		R13	M	Weighed	Offsite in Ireland	Mark O'Reilly Recycling Colfix (Dublin) Ltd,WFP-DS-10-0002-01	Kiffagh Crosserlough Ballyjamesduff,....Co. Cavan,Ireland
Within the Country	19 12 03	No	3.92 mixed cable		R13	M	Weighed	Offsite in Ireland	Wilton Waste Recycling Ltd,WFP-CN-10-0005-01	Parsonstown Loughnacush Kilkeaskin Drumond
Within the Country	19 12 07	No	4142.8 wood other than that mentioned in 19 12 06		R11	M	Weighed	Offsite in Ireland	Drehid Waste Management Facility Bord na Mona Plc,W0201-03	Timahoe West Coolcarrigan Carbury ,....Co. Kildare,Ireland
Within the Country	19 12 07	No	1547.12 wood other than that mentioned in 19 12 06		R11	M	Weighed	Offsite in Ireland	Eirebloc Ltd,WFP-CK-13-0127-01	Dunisky Lissarda ,....Co. Cork,Ireland
Within the Country	19 12 07	No	84.48 wood other than that mentioned in 19 12 06		R11	M	Weighed	Offsite in Ireland	Connaught Timber Product Ltd,WFP-G-11-0004-01	Tynagh Loughrea,....Co. Galway,Ireland
Within the Country	19 12 07	No	32.52 wood other than that mentioned in 19 12 06		R11	M	Weighed	Offsite in Ireland	Conroy Recycling Co. Ltd,WFP-WH-09-0002-01	Sonna Slanemore Mullingar,....Co. Westmeath,Ireland
Within the Country	19 12 07	No	50.6 wood other than that mentioned in 19 12 06		R11	M	Weighed	Offsite in Ireland	Waddock Composting Facility,WFP-CW-13-001-01	Killmaster,....Co. Carlow,Ireland

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Within the Country	19 12 09	No	5744.48 minerals 15-50mm	R11	M	Weighed	Offsite in Ireland	Drehid Waste Management Facility Bord na Mona Plc,W0201-03	Parsonstown Loughnacush Kilkeaskin Drumond Timahoe West Coolcarrigan Carbury ,,,Co. Kildare,Ireland Killeen
Within the Country	19 12 10	No	1418.02 combustible waste (refuse derived fuel)	R11	M	Weighed	Offsite in Ireland	Thorntons Recycling Centre,W0044-02	Road,Ballyfermot,,Dublin 10,Ireland
Within the Country	19 12 12	No	6708.32 minerals (for example sand, stones)	R11	M	Weighed	Offsite in Ireland	Drehid Waste Management Facility Bord na Mona Plc,W0201-03	Parsonstown Loughnacush Kilkeaskin Drumond Timahoe West Coolcarrigan Carbury ,,,Co. Kildare,Ireland
Within the Country	19 12 12	No	4265.06 clean construction rubble	R11	M	Weighed	Offsite in Ireland	Drehid Waste Management Facility Bord na Mona Plc,W0201-03	Parsonstown Loughnacush Kilkeaskin Drumond Timahoe West Coolcarrigan Carbury ,,,Co. Kildare,Ireland
Within the Country	19 12 12	No	2576.06 dry mixed general waste for landfill	D1	M	Weighed	Offsite in Ireland	Drehid Waste Management Facility Bord na Mona Plc,W0201-03	Parsonstown Loughnacush Kilkeaskin Drumond Timahoe West Coolcarrigan Carbury ,,,Co. Kildare,Ireland
Within the Country	19 12 12	No	587.08 dry mixed residual waste	R11	M	Weighed	Offsite in Ireland	Thorntons Recycling Centre,W0044-02	Killeen Road,Ballyfermot,,Dublin 10,Ireland
Within the Country	20 01 11	No	0.08 textiles	R13	M	Weighed	Offsite in Ireland	Textile Recycling Ltd,Art 11 1866 - Exempt	504A Greenogue Business Park Greenogue Industrial Estate Rathcoole ,,,Dublin 24,Ireland
Within the Country	20 01 35	Yes	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing 4.76 hazardous components	R4	M	Weighed	Offsite in Ireland	Rehab Enterprises Ltd,WFP-DS-10-0008-03 Stan O'Reilly t/a C & D Recycling,WFP-WW-09-0009-02	Unit 77 Broomhill Road,,Tallaght,Dublin 24,Ireland
Within the Country	20 03 07	No	7.48 bulky waste	R12	M	Weighed	Offsite in Ireland		Rehab Enterprise Ltd,WFP-DS-10-0008-03,Unit 77 Broomhill Road,,Tallaght,Dublin 24,Ireland
									Unit 77 Broomhill Road,,Tallaght,Dublin 24,Ireland