

Facility Information Summary	
AER Reporting Year	2013
Licence Register Number	W0015-01
Name of site	Ballyogan Landfill & Recycling Park
Site Location	Ballyogan Road, Carrickmines, Dublin 18
NACE Code	3821
Class/Classes of Activity	Deposit on, in or under land. (closed unlined landfills)
National Grid Reference (6E, 6 N)	-6.19293 53.252
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 <b>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.</b>	<p>Currently the site operates only as a Civic Recycling Facility (CRF) within the Recycling Park. This is operated on a short term contract by Oxigen (Since August 2010)</p> <p>The principal activity at the facility up until March 2005 was 'deposit in, on or under land' within the landfill site. The landfill ceased accepting waste on 29th March 2005 and the principal activity on site then became the baling and transfer of residual waste to Arthurstown Landfill, Kill, Co Kildare.</p> <p>Ballyogan Waste Trasfer Facility ceased operation in May 2009.</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.

Brenda McEvoy on behalf of DLRCC	<u>Brenda McEvoy</u>
Signature	Date
Group/Facility manager	07/05/2014
(or nominated, suitably qualified and experienced deputy)	

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** licensed emissions and **do not complete a solvent management plan** (table A4 and A5) you **do not** need to complete the tables

No	
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**Periodic/Non-Continuous Monitoring**

2 Are there any results in breach of licence requirements? If yes please provide brief details in the comment section of Table A1 below

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

No	
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
D1 <sub>PM10</sub>	PM10	Quarterly	50	97 % of 24-hour average values < ELV	20.3	µg/Nm <sup>3</sup>	yes	OTH		
BN01	Carbon monoxide (CO)	Bi-Annual	650	100 % of values < ELV	581.7	mg/Nm <sup>3</sup>	yes	EN 15058:2004		

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

**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)

5 Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below

6 Do you have a proactive service agreement for each piece of continuous monitoring equipment?

7 Did your site experience any abatement system bypasses? If yes please detail them in table A3 below

No	
No	
No	
No	

**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	
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Table A4: Solvent Management Plan Summary				
Total VOC Emission limit value			Please refer to linked solvent regulations to complete table 5 and 6	
Reporting year	Total solvent input on site (kg)	Total VOC emissions to Air from entire site (direct and fugitive)	Total VOC emissions as %of solvent input	Compliance
			Total Emission Limit Value (ELV) in licence or any revision thereof	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.	Solvents destroyed onsite	Total emission of Solvent to air (kg)
Total								

**AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)** Lic No: W0015-01 Year 2013

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 licensed emissions you only need to complete table W1 and or W2 for storm water analysis and visual inspections

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

Yes	Additional information
No	

**Table W1 Storm water monitoring**

Location reference	Location relative to site activities	PRTR Parameter	Licensed 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
Stormwater Outlet	onsite	SELECT	Suspended Solids	20 <sup>th</sup> June, 2013	35	All values < ELV	40	mg/L	no (if no please enter details in comments box)	Average outlet suspended solids concentration was 9mg/l over the year.
Stormwater Outlet	onsite	SELECT	Suspended Solids	all dates during 2013	<0.27	N/A	210	mg/L	yes	All values reported during the year were <0.27mg/l

\*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)**

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

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

No	Additional information
Yes	

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

Emission reference no:	Emission released to	Parameter/ Substance>Note 1	Type of sample	Frequency of monitoring	Averaging period	ELV or trigger values in licence or any revision thereof <sup>note 2</sup>	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
Sewer	Wastewater/Sewer	Suspended Solids	discrete	Monthly		2000	All values < ELV	210	mg/L	yes					
Sewer	Wastewater/Sewer	BOD	discrete	Monthly		10000	All values < ELV	13.2	mg/L	yes					
Sewer	Wastewater/Sewer	COD	discrete	Monthly		30000	All values < ELV	114	mg/L	yes					
Sewer	Wastewater/Sewer	Ammonia (as N)	discrete	Monthly		300	All values < ELV	110	mg/L	yes					

Note 1: Volumetric flow shall be included as a reportable parameter  
 Note 2: Where Emission Limit Values (ELV) do not apply to your licence please compare results against EQS for Surface water or relevant receptor quality standards

**Continuous monitoring**

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

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

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

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

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

Yes	Additional information
Yes	The site has an ongoing maintenance contract with CSL to ensure equipment on site is maintained
No	

**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

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

**Bund testing** dropdown menu click to see options

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 table below, please include all bunds outside the licenced testing period** (mobile bunds and chemstore included)
- 1 Please provide integrity testing frequency period
  - 2 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)
  - 3 How many bunds are on site?
  - 4 How many of these bunds have been tested within the required test schedule?
  - 5 How many mobile bunds are on site?
  - 6 Are the mobile bunds included in the bund test schedule?
  - 7 How many of these mobile bunds have been tested within the required test schedule?
  - 8 How many sumps on site are included in the integrity test schedule?
  - 9 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 testing programme?
  - 13 Is the Fire Water Retention Pond included in your integrity test programme?

Yes	
3 years	
No	
SELECT	
SELECT	
SELECT	
SELECT	

**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)
	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 requirements and are all structures tested in line with BS8007/EPA Guidance? [bunding and storage guidelines](#)
- 15 Are channels/transfer systems to remote containment systems tested?
  - 17 Are channels/transfer systems compliant in both integrity and available volume?

Commentary

SELECT	
SELECT	
SELECT	

**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 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)

No	
SELECT	

**Table B2: Summary details of pipeline/underground structures integrity test**

Structure ID	Type system	Material of construction:	Does this structure have Secondary containment?	Type 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)
	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT				SELECT

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

<b>Groundwater/Soil monitoring template</b>	Lic No: W0015-01	Year 2013
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Comments			
1 Are you required to carry out groundwater monitoring as part of your licence requirements?	yes		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 interpretaon 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 Report (link in cell G8) and submit separately through ALDER as a licensee return AND answer questions 5-12 below.	<a href="#">Groundwater monitoring template</a> no		
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	no		
8 Is there a licence condition to carry out/update ELRA for the site?	no		
9 Has any type of risk assesment been carried out for the site?	yes		
10 Has a Conceptual Site Model been developed for the site?	no	This was not required as part of the ELRA	
11 Have potential receptors been identified on and off site?	yes		
12 Is there evidence that contamination is migrating offsite?	no		

Please enter interpretation of data here

**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**
29/05/2013	MW2S	Sulphate	Colorimetry	Annual	135		mg/l	187.5	200
29/05/2013	MW13D	Chromium	Nitric Digest/ICP	Annual	0.0614		mg/l	0.0375	0.03
29/05/2013	MW13D	Copper	Nitric Digest/ICP	Annual	0.108		mg/l	1.5	0.03
29/05/2013	MW13D	Lead	Nitric Digest/ICP	Annual	0.106		mg/l	0.01875	0.01
29/05/2013	MW13D	Cadmium	Nitric Digest/ICP	Annual	0.0182		mg/l	0.00375	0.0005
29/05/2013	MW13D	Iron	Nitric Digest/ICP	Annual	36.3		mg/l	–	0.2
29/05/2013	MW13D	Zinc	Nitric Digest/ICP	Annual	0.273		mg/l	–	0.1
29/05/2013	All well below detection limits	Boron	Nitric Digest/ICP	Annual	<0.23		mg/l	0.75	1
21/02/2013	MW15D	Ammoniacal Nitrogen	Colorimetry	Monthly	0.1335	<0.0771	mg/l	.0065-175	0.15
30/09/2013	MW2S	Chloride	Colorimetry	Quarterly	357	204.5	mg/l	24 – 187.5	30
12/11/2013	MW13D	Potassium	Nitric Digest/ICP	Quarterly	1430	362.4	mg/l	–	5
12/11/2013	MW13S	Sodium	Nitric Digest/ICP	Annual	2420	616.275	mg/l	150	150
15/08/2013	MW2S	Conductivity	Electrode	Monthly	1567	863.3	mg/l	800-1875	1000
29/05/2013	MW6D	Flouride	ISE	Annual	0.3	0.25	mg/l	–	1

.\* where average indicates arithmetic mean

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

**Table 2: Downgradient Groundwater monitoring results**

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit	GTV's*	SELECT**
29/05/2013	MW4S	Flouride	ISE	Annual	0.3		mg/l	–	1
27/02/2013	MW4S	Chloride	Colorimetry	Quarterly	50.5	39.75	mg/l	24 — 187.5	30
12/11/2013	MW4S	Potassium	Nitric Digest/ICP	Quarterly	1.72	1.49	mg/l	–	5
All monitoring rounds	MW4S/MW4D	Ammoniacal Nitrogen	Colorimetry	Monthly	<0.0771	<0.0771	mg/l	.0065-.175	0.15
12/11/2013	MW4D	Sodium	Nitric Digest/ICP	Annual	21.6	20.2	mg/l	150	150
29/05/2013	MW2S	Sulphate	Colorimetry	Annual	74.2		mg/l	187.5	200
29/05/2013	MW4D	Chromium	Nitric Digest/ICP	Annual	0.004		mg/l	0.0375	0.03
29/05/2013	MW4S/MW4D	Copper	Nitric Digest/ICP	Annual	<.009		mg/l	1.5	0.03
29/05/2013	MW4D	Lead	Nitric Digest/ICP	Annual	<0.006		mg/l	0.01875	0.01
29/05/2013	MW4S/MW4D	Cadmium	Nitric Digest/ICP	Annual	<0.0006		mg/l	0.00375	0.0005
29/05/2013	MW4D	Iron	Nitric Digest/ICP	Annual	1.68		mg/l	–	0.2
29/05/2013	MW4D	Zinc	Nitric Digest/ICP	Annual	<0.018		mg/l	–	0.1
30/09/2013	MW4D	Conductivity	Electrode	Monthly	1567	738.5	mg/l	800-1875	1000
29/05/2013	MW4S/MW4D	Boron	Nitric Digest/ICP	Annual	<0.23		mg/l	0.75	1

\*\*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 regulations](#) [Drinking water \(public supply\) standards](#) [Interim Guideline Values \(IGV\)](#)

**Table 3: Soil results**

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

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

[Click here to access EPA guidance on Environmental Liabilities and Financial provision](#)

			Commentary
1	ELRA initial agreement status	SELECT	An ELRA has been completed on request of the insurance company. This has not been submitted to the EPA
2	ELRA review status	SELECT	
3	Amount of Financial Provision cover required as determined by the latest ELRA	Specify	
4	Financial Provision for ELRA status	SELECT	
5	Financial Provision for ELRA - amount of cover	Specify	
6	Financial Provision for ELRA - type	SELECT	
7	Financial provision for ELRA expiry date	Enter expiry date	
8	Closure plan initial agreement status	Closure plan submitted and agreed by EPA	Landfill closed in 2005.
9	Closure plan review status	Review required and completed	
10	Financial Provision for Closure status	SELECT	
11	Financial Provision for Closure - amount of cover	Specify	
12	Financial Provision for Closure - type	SELECT	
13	Financial provision for Closure expiry date	Enter expiry date	

## Noise monitoring summary report

Lic No: W0015-01

Year

2013

1 Was noise monitoring a licence requirement for the AER period?

If yes please fill in table N1 noise summary below

Yes

2 Was noise monitoring carried out using the EPA Guidance note, including completion of the "Checklist for noise measurement report" included in the guidance note as table 6?

[Noise Guidance note NG4](#)

Yes

3 Does your site have a noise reduction plan

No

4 When was the noise reduction plan last updated?

Enter date

5 Have there been changes relevant to site noise emissions (e.g. plant or operational changes) since the last noise survey?

No

Table N1: Noise monitoring summary

Date of monitoring	Time period	Noise location (on site)	Noise sensitive location -NSL (if applicable)	LA <sub>eq</sub>	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 site compliant with noise limits (day/evening/night)?
08/11/2013	15:02	321129, 224242	NSL1	64.3	63.4	74	75	No	SELECT	No landfill activity audible, road traffic dominant intermittent noise source.	No
08/11/2013	00:20	321129, 224242	NSL1	43.9	41.2	47.6	53.8			No landfill activity audible, road traffic dominant intermittent noise source.	Yes
08/11/2013	12:50	320779, 22427	NSL 2	55	55.8	67.9	73.4			No landfill activity audible, road traffic dominant intermittent noise source. Voices and clinking glass audible from the Ballyogan Recycle Park.	Yes
08/11/2013	23:40	320779, 22427	NSL 2	43.9	42.6	51.2	56.8			No landfill activity audible, road traffic dominant intermittent noise source. Luas passed	Yes
08/11/2013	12:34	320802, 22433	NSL 3	65.3	61.6	74	86.5			No landfill activity audible, road traffic dominant intermittent noise source.	No
08/11/2013	23:15	320802, 22433	NSL 3	44.6	43.2	48.8	59.2			No landfill activity audible, road traffic dominant intermittent noise source. Luas passed	Yes
08/11/2013	14:38	321227, 22420	NSL4	70.6	64.8	78.2	81.5			No landfill activity audible, road traffic dominant intermittent noise source.	No
08/11/2013	00:37	321227, 22420	NSL4	43.8	41.9	56.3	60.1			No landfill activity audible, road traffic dominant intermittent noise source.	Yes
08/11/2013	12:10	320940, 22428	NSL5	53.1	57.6	68.2	76.9			No landfill activity audible, road traffic dominant intermittent noise source.	Yes
08/11/2013	00:02	320940, 22428	NSL5	44.2	41.1	53.6	56.5			No landfill activity audible, road traffic dominant intermittent noise source. Luas passed	Yes
08/11/2013	14:15	320508, 22334	NSL6	54.2	55	64.2	71.7			No landfill activity audible, road traffic dominant intermittent noise source.	Yes
08/11/2013	01:00	320508, 22334	NSL6	41.2	38.5	44.5	56.5			No landfill activity audible, background noise of wind through trees dominant intermittent noise source.	Yes
08/11/2013	13:53	320336, 22340	NSL7	45.8	54	59.2	58.3			No landfill activity audible, road traffic dominant intermittent noise source.	Yes
08/11/2013	01:21	320336, 22340	NSL7	42.3	41.5	46.6	55.5			No landfill activity audible, background noise of wind through trees dominant intermittent noise source.	Yes

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

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

nothing\*\*

Noise exceedances at the site is caused by passing traffic from both the luas and the M50. It is not as a result of landfill activities

Any additional comments? (less than 200 words)



		Additional information
1	When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below	None carried out
2	Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAL programme linked to the right? If yes please list them in additional information	No
3	Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information	SELECT

Energy Use	Previous year	Current year	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)				
Total Energy Generated (MWHrs)	6,886,000	17,028,000.00	10,142,000	147.28%
Total Renewable Energy Generated (MWHrs)				
Electricity Consumption (MWHrs)	254695	257910.04	3215.04	1.26%
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)				
Light Fuel Oil (m3)	105811	123175	17364	16.41%
Natural gas (m3)				
Coal/Solid fuel (metric tonnes)				
Peat (metric tonnes)				
Renewable Biomass				
Renewable energy generated on site				

\* 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

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*	Water Emissions Volume Discharged back to environment(m <sup>3</sup> /yr):	Water Consumption Volume used i.e not discharged to environment e.g. released as steam m3/yr	Unaccounted for Water:
Groundwater							
Surface water							
Public supply	2492	1302	-47.75%				
Recycled water							
Total	2492	1302	-47.75%				

\* 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

	Total	Landfill	Incineration	Recycled	Other
Hazardous (Tonnes)					
Non-Hazardous (Tonnes)					

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					

	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					



<b>WASTE SUMMARY</b>	Lic No: W0015-01	Year: 2013
<b>SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES</b>	<a href="#">PRTR Facility Logon</a>	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**  
 1 If yes please enter details in table 1 below  
 2 Did your site have any rejected consignments of waste in the current reporting year? If yes please give a brief explanation in the additional information

Additional Information	
No	
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 PRTR workbook)**

Licensed annual tonnage limit for your site (total tonnes/annum)	EW Code	Source of waste accepted	Description of waste accepted Please enter an accurate and detailed description which applies to relevant EW code <a href="#">European Waste Catalogue EW codes</a>	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

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

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

Yes	
Yes	
Yes	
N/A	
N/A	

**SECTION D-TO BE COMPLETED BY LANDFILL SITES ONLY**

**Table 2 Waste type and tonnage-landfill only**

Waste types permitted for disposal	Authorised/licenced annual intake for disposal (t/a)	Actual intake for disposal in reporting year (t/a)	Remaining licensed capacity at end of reporting year (m3)	Comments
				Ballyegan Landfill has been closed to accepting waste since 2005.

**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	License permits asbestos	Is there a separate cell for asbestos?	Accepted asbestos in reporting year	Total disposal area occupied by waste SELECT UNIT	Used disposal area occupied by waste SELECT UNIT	Cellared area SELECT UNIT	Comments on site type
Stage 1	1975	2005	No	Public	Non Hazardous	2005	No			177000	0	177000	
Stage 2	1975	2005	No	Public	Non Hazardous	2005	No			266000	0	266000	

**Table 4 Environmental monitoring-landfill only** [Landfill Manual Monitoring Standards](#)

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

\* please refer to Landfill Manual linked above for relevant Landfill Directive monitoring standards

**Table 5 Capping-Landfill only**

Area capped?	Area with temporary cap	Area with final cap in LD Standard at 10.5	Area capped other	Area with waste that should be permanently capped to date under licence	What materials are used in the cap	Comments
SELECT UNIT	SELECT UNIT	SELECT UNIT	SELECT UNIT	SELECT UNIT	Topsoil, Subsoil, Geocomposite, LDPE or clay liner	
0	0	443000	0	443000		

**Table 6 Leachate-Landfill only**

9 Is leachate from your site treated in a Waste Water Treatment Plant?  
 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	Specific type of leachate treatment	Comments

Leachate generated at the landfill is pretreated on site at Methane Stripping Plant

**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
17,028,000.00	National Grid	Yes		The inlet flow in to the engines is not measured at Ballyegan. Therefore it is not possible to enter details of the total gas captured.

[Guidance to completing the PRTR workbook](#)

# AER Returns Workbook

Version 1.1.17

**REFERENCE YEAR** 2013

## 1. FACILITY IDENTIFICATION

Parent Company Name	Dun Laoghaire Rathdown County Council
Facility Name	Ballyogan Landfill Facility Ballyogan Recycling Park
PRTR Identification Number	W0015
Licence Number	W0015-01

Waste or IPPC Classes of Activity

No.	class name
3.1	Deposit on, in or under land (including landfill).
3.11	Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this Schedule.
3.12	Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.
3.13	Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned is produced.
3.4	Surface impoundment, including placement of liquid or sludge discards into pits, ponds or lagoons.
3.5	Specially engineered landfill, including placement into lined discrete cells which are capped and isolated from one another and the environment.
3.6	Biological treatment not referred to elsewhere in this Schedule which results in final compounds or mixtures which are disposed of by means of any activity referred to in paragraphs 1. to 10. of this Schedule.
3.7	Physico-chemical treatment not referred to elsewhere in this Schedule (including evaporation, drying and calcination) which results in final compounds or mixtures which are disposed of by means of any activity referred to in paragraphs 1. to 10. of this Schedule.
4.1	Solvent reclamation or regeneration.
4.10	The treatment of any waste on land with a consequential benefit for an agricultural activity or ecological system.
4.11	Use of waste obtained from any activity referred to in a preceding paragraph of this Schedule.
4.12	Exchange of waste for submission to any activity referred to in a preceding paragraph of this Schedule.
4.13	Storage of waste intended for submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced.
4.2	Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).
4.3	Recycling or reclamation of metals and metal compounds.
4.4	Recycling or reclamation of other inorganic materials.
4.6	Recovery of components used for pollution abatement.
4.9	Use of any waste principally as a fuel or other means to generate energy.
Address 1	Ballyogan Road
Address 2	Jamestown Townland
Address 3	Carrickmines
Address 4	Dublin 18
	Dublin
Country	Ireland
Coordinates of Location	-6.19293 53.252
River Basin District	IEEA
NACE Code	3821
Main Economic Activity	Treatment and disposal of non-hazardous waste
AER Returns Contact Name	Seamus Moran
AER Returns Contact Email Address	smoran@dlrcoco.ie
AER Returns Contact Position	Landfill Manager
AER Returns Contact Telephone Number	0866026888
AER Returns Contact Mobile Phone Number	0866026888
AER Returns Contact Fax Number	
Production Volume	0.0
Production Volume Units	
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	10
User Feedback/Comments	Overall methane emissions for 2013 are 6% lower than methane reported in 2012. CO2 emissions have increased overall by 13% according to the gas sim model
Web Address	

## 2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
5(d)	Landfills
5(c)	Installations for the disposal of non-hazardous waste
5(d)	Landfills
50.1	General

## 3. SOLVENTS REGULATIONS (S.I. No. 543 of 2002)

Is it applicable?	
Have you been granted an exemption?	
If applicable which activity class applies (as per Schedule 2 of the regulations)?	
Is the reduction scheme compliance route being used?	

## 4. 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)?	
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This question is only applicable if you are an IPPC or Quarry site

4.1 RELEASES TO AIR

[Link to previous years emissions data](#)

| PRTR# : W0015 | Facility Name : Ballyogan Landfill Facility Ballyogan Recycling Park | Filename : W0015\_2013\_F01.xls | Return Year : 2013 |

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**SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS**

RELEASERS TO AIR		METHOD			Please enter all quantities in this section in KGs			
POLLUTANT		Method Used			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
01	Methane (CH4)	C	OTH	Gas Sim 2.5 Statistics + Site Data	22914.0	1325291.664	0.0	1302377.664
03	Carbon dioxide (CO2)	C	OTH	Gas Sim 2.5 Statistics + Site Data	67567.878	3817539.878	0.0	3749972.0

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

**SECTION B : REMAINING PRTR POLLUTANTS**

RELEASERS TO AIR		METHOD			Please enter all quantities in this section in KGs			
POLLUTANT		Method Used			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
15	Chlorofluorocarbons (CFCs)	M	OTH	Gas Sim 2.5 PI Report	0.0	5.57	0.0	5.57
14	Hydrochlorofluorocarbons (HCFCs)	M	OTH	Gas Sim 2.5 PI Report	0.0	3.99	0.0	3.99

\* 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)**

RELEASERS TO AIR		METHOD			Please enter all quantities in this section in KGs			
POLLUTANT		Method Used			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

\* 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:	Ballyogan Landfill Facility Ballyogan Recycling Park					
Please enter summary data on the quantities of methane flared and / or utilised	T (Total) kg/Year	M/C/E	Method Used		Facility Total Capacity m3 per hour	
	Total estimated methane generation (as per site model)	2448125.664	C	OTH	Gas Sim 2.5 - Statistics	N/A
	Methane flared	0.0				0.0 (Total Flaring Capacity)
	Methane utilised in engine/s	1122833.0	M	OTH	Engine Site Data	0.0 (Total Utilising Capacity)
	Net methane emission (as reported in Section A above)	1325292.664	C	OTH	Calculation	N/A

4.2 RELEASES TO WATERS

[Link to previous years emissions data](#)

| PRTR# : W0015 | Facility Name : Ballyogan Landfill Facility Ballyogan Recycling Park | Filename : W0015\_2013\_F01.xls | Return Year : 2013 |

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**SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS**

Data on ambient monitoring of storm/surface water or groundwater, conducted as part of your licence requirements, should NOT be submitted under AER / PRTR Reporting as this only concerns Releases from your facility

RELEASES TO WATERS					Please enter all quantities in this section in KGs			
POLLUTANT		Method Used			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

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

**SECTION B : REMAINING PRTR POLLUTANTS**

RELEASES TO WATERS					Please enter all quantities in this section in KGs			
POLLUTANT		Method Used			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

\* 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		Method Used			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

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

4.3 RELEASES TO WASTEWATER OR SEWER

[Link to previous years emissions data](#)

| PRTR# : W0015 | Facility Name : Ballyogan Landfill Facility Ballyogan Recycling Park | Filename :

07/05/2014 17:11

**SECTION A : PRTR POLLUTANTS**

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
No. Annex II	Name	M/C/E	Method 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

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

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

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
Pollutant No.	Name	M/C/E	Method 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

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

4.4 RELEASES TO LAND

[Link to previous years emissions data](#)

| PRTR# : W0015 | Facility Name : Ballyogan Landfill Facility Ballyogan Recycling Park | Filename : W0015\_2013\_F01.xls | Return Year : 2013 |

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**SECTION A : PRTR POLLUTANTS**

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

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

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

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

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



5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

[PRTR# : W0015] Facility Name : Ballyegan Landfill Facility Ballyegan Recycling Park | Filename : W0015\_2013\_F01.xls | Return Year : 2013

07/05/2014 17:13

Please enter all quantities on this sheet in Tonnes

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste: Name and Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of Receiver/Disposer	Haz Waste: Address of Next Destination Facility Non Haz Waste: Address of Receiver/Disposer	Name and License / Permit No. and Address of Final Reciever / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used					
Within the Country	15 01 01	No	418.06	paper and cardboard packaging	R12	M	Weighed	Offsite in Ireland	Oxigen,W0208-01	Ballymount Industrial Estate,Ballymount Road Lower,Ballymount,Dunlin 22,Ireland		
Within the Country	15 01 02	No	66.44	plastic packaging	R12	M	Weighed	Offsite in Ireland	Oxigen,W0208-01	Ballymount Industrial Estate,Ballymount Road Lower,Ballymount,Dunlin 22,Ireland		
Within the Country	15 01 04	No	20.3	metallic packaging	R12	M	Weighed	Offsite in Ireland	Oxigen,W0208-01	Ballymount Industrial Estate,Ballymount Road Lower,Ballymount,Dunlin 22,Ireland		
Within the Country	15 01 05	No	4.22	composite packaging	R12	M	Weighed	Offsite in Ireland	Oxigen,W0208-01	Ballymount Industrial Estate,Ballymount Road Lower,Ballymount,Dunlin 22,Ireland		
Within the Country	15 01 07	No	189.0	glass packaging	R12	M	Weighed	Offsite in Ireland	Oxigen,W0208-01	Ballymount Industrial Estate,Ballymount Road Lower,Ballymount,Dunlin 22,Ireland		
Within the Country	16 05 04	Yes	1.95	gases in pressure containers (including halons) containing dangerous substances	R4	M	Weighed	Offsite in Ireland	Oxigen,W0208-01	Ballymount Industrial Estate,Ballymount Road Lower,Ballymount,Dunlin 22,Ireland	BOC GAS...Reused by BOC,.....Ireland	Reused by BOC,.....Ireland
Within the Country	16 06 01	Yes	22.48	lead batteries	R12	M	Weighed	Offsite in Ireland	Oxigen,W0208-01	Ballymount Industrial Estate,Ballymount Road Lower,Ballymount,Dunlin 22,Ireland	Oxigen,W0152-01,Robinhood Industrial Estate,Robinhood Road,Ballymount,Dublin 22,Ireland	Robinhood Industrial Estate,Robinhood Road,Ballymount,Dublin 22,Ireland
Within the Country	19 07 03	No	4722.7	landfill leachate other than those mentioned in 19 07 02	D8	M	Volume Calculation	Offsite in Ireland	Dun Laoghaire Rathdown County Council,D0039-01	Treatment Plant, Dun Laoghaire, Ireland		
Within the Country	20 01 01	No	88.44	Newspapers and magazines	R12	M	Weighed	Offsite in Ireland	Textile Recycling,WPR-0142	Glen Abbey Complex,Belgard Road,Tallaght,Dublin 24,Ireland		
Within the Country	20 01 02	No	15.98	glass	R12	M	Weighed	Offsite in Ireland	Oxigen,W0208-01	Ballymount Industrial Estate,Ballymount Road Lower,Ballymount,Dunlin 22,Ireland		
Within the Country	20 01 11	No	205.54	textiles	R12	M	Weighed	Offsite in Ireland	Textile Recycling,WPR-0142	Glen Abbey Complex,Belgard Road,Tallaght,Dublin 24,Ireland		
Within the Country	20 01 25	No	5.2	edible oil and fat	R12	M	Weighed	Offsite in Ireland	Michell Taylor Exports Ltd,WP 98119	Newmarket,Dublin 8,.....Ireland		
Within the Country	20 01 27	Yes	92.64	paint, inks, adhesives and resins containing dangerous substances	R12	M	Weighed	Offsite in Ireland	Oxigen,W0208-01	Ballymount Industrial Estate,Ballymount Road Lower,Ballymount,Dunlin 22,Ireland	Oxigen,W0152-01,Robinhood Industrial Estate,Robinhood Road,Ballymount,Dublin 22,Ireland	Robinhood Industrial Estate,Robinhood Road,Ballymount,Dublin 22,Ireland
Within the Country	20 01 38	No	436.36	wood other than that mentioned in 20 01 37	R12	M	Weighed	Offsite in Ireland	Oxigen,W0208-01	Ballymount Industrial Estate,Ballymount Road Lower,Ballymount,Dunlin 22,Ireland		
Within the Country	20 01 40	No	214.1	metals	R12	M	Weighed	Offsite in Ireland	Oxigen,W0208-01	Ballymount Industrial Estate,Ballymount Road Lower,Ballymount,Dunlin 22,Ireland		
Within the Country	20 02 01	No	3480.6	biodegradable waste	R3	M	Weighed	Offsite in Ireland	Enrich Composting,WFP/MH08/000 1/01	Kilcock,.....Meath,Ireland		
Within the Country	20 02 02	No	225.82	soil and stones	R12	M	Weighed	Offsite in Ireland	Oxigen,W0208-01	Ballymount Industrial Estate,Ballymount Road Lower,Ballymount,Dunlin 22,Ireland		
Within the Country	20 03 01	No	174.72	mixed municipal waste	R12	M	Weighed	Offsite in Ireland	Oxigen,W0152-03	Patrick Street,91,Dun Laoghaire, Co. Dublin,Ireland		
Within the Country	20 01 40	No	1.96	metals	R4	M	Weighed	Offsite in Ireland	Rothar,.....Ireland	Ballymount Road Lower, Ballymount,Dublin 22,Ireland	Enva Ireland Ltd,W0184-01,Cionminham Industrial Estate,Portlaoise,.....Ireland	Cionminham Industrial Estate,Portlaoise,.....Ireland
Within the Country	13 02 05	Yes	15.98	mineral-based non-chlorinated engine, gear and lubricating oils	R9	M	Weighed	Offsite in Ireland	Enva Ireland Ltd,W0184-01	Ballymount Industrial Estate,Ballymount Road Lower,Ballymount,Dunlin 22,Ireland		
Within the Country	17 08 02	No	19.9	gypsum-based construction materials other than those mentioned in 17 08 01	R12	M	Weighed	Offsite in Ireland	Oxigen,W0208-01	Ballymount Industrial Estate,Ballymount Road Lower,Ballymount,Dunlin 22,Ireland		
Within the Country	20 03 07	No	1176.92	bulky waste	R12	M	Weighed	Offsite in Ireland	Oxigen,W0208-01	Ballymount Industrial Estate,Ballymount Road Lower,Ballymount,Dunlin 22,Ireland		
Within the Country	20 03 07	No	8.2	bulky waste	R12	M	Weighed	Offsite in Ireland	Eco Mattress Recycling Ltd,WFP-DC-12-0032-01	Sisney Road ,130A,Glasnevin ,Dublin 11,Ireland		
Within the Country	15 01 10	Yes	7.72	packaging containing residues of or contaminated by dangerous substances	R12	M	Weighed	Offsite in Ireland	Oxigen,W0208-01	Ballymount Industrial Estate,Ballymount Road Lower,Ballymount,Dunlin 22,Ireland	Oxigen,W0152-01,Robinhood Industrial Estate,Robinhood Road,Ballymount,Dublin 22,Ireland	Robinhood Industrial Estate,Robinhood Road,Ballymount,Dublin 22,Ireland
Within the Country	08 03 99	No	0.86	wastes not otherwise specified	R12	M	Weighed	Offsite in Ireland	Brian Kehoe Ltd,.....Ireland	Bagenalstown,.....Co. Carlow,Ireland		
Within the Country	16 05 04	Yes	4.84	gases in pressure containers (including halons) containing dangerous substances	R12	M	Weighed	Offsite in Ireland	Calor Gas,.....Ireland	Ballymount Industrial Estate,Ballymount Road Lower,Ballymount,Dunlin 22,Ireland	Reuse,.....Ireland	.....Ireland
Within the Country	20 01 32	No	0.52	medicines other than those mentioned in 20 01 31	R12	M	Weighed	Offsite in Ireland	Oxigen,W0208-01	Ballymount Industrial Estate,Ballymount Road Lower,Ballymount,Dunlin 22,Ireland		

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

[Link to previous years waste data](#)

[Link to previous years waste summary data & percentage change](#)

[Link to Waste Guidance](#)