

SELECT

cells that are highlighted blue contain a dropdown menu click to select one option from the list

[guidance document link](#)

cells that contain underlined text click to access relevant guidance documents for this section

Table heading *

table headings followed by a symbol have an associated footnote or instructions

Cells with red indicator in top right corner

cells that have a red indicator in the top right corner contain a comment box with further instructions or clarification

Please note an interpretation of results is still required. This should be entered in the additional information/comments boxes within the templates. Please size these boxes appropriately to fit your interpretation, if additional space is required please include an appendix to the AER template and merge it as part of the AER PDF document. The excel template should have all cells sized appropriately so that all text is readable before it is converted to PDF document.

Facility Information Summary

AER Reporting Year	2014
Licence Register Number	W0015-01
Name of site	Ballyogan Landfill & Recycling Park
Site Location	Ballyogan, Carrickmines, Dublin 18
NACE Code	3821
Class/Classes of Activity	Deposit in.or under land (closed unlined landfills)
National Grid Reference (6E, 6 N)	320500E 223900N (-6.19293 lon 53.252 lat)

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.

Currently the site operates only a Civic Recycling Facility (CRF) within the Recycling Park. This is operated by Oxigen Environmental on a short term contract since August 2010. The principal activity on the site up to March 2005 was 'deposit in, on or under land' within the landfill site. The landfill site ceased accepting waste on 29th March 2005. The principal activity on site from 2005 to 2009 was baling waste for transfer to Arthurstown Landfill, Kill, Co.Kildare. Ballyogan waste transfer facility ceased operation in May 2009.

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.

<u>S. Moran</u>	<u>27/4/15</u>
Signature	Date
Group/Facility manager	
(or nominated, suitably qualified and experienced deputy)	

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

Lic No: W0015-01

Additional information

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

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

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
Stormwater Outlet	onsite	SELECT	Suspended Solids	Jan-Dec 2014 weekly	35	All values < ELV	8.55	mg/L
Stormwater Outlet	onsite	SELECT	Ammoniacal N	Jan-Dec 2014 weekly	n/a		0.02	mg/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

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

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 [External/Internal Lab. Assessment of Quality checklist](#) [results checklist](#) additional information box

SELECT	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 ^{Note 2}	Licence Compliance criteria	Measured value	Annual mass load (kg)	Comments
Landfill Sewer	Wastewater/Se- wer	Suspended Solids	discrete	Monthly	Annual	2500	All values < ELV	10.54	23.87	
Landfill Sewer	Wastewater/Se- wer	BOD	discrete	Monthly	Annual	12500	All values < ELV	4.16	9.42	
Landfill Sewer	Wastewater/Se- wer	COD	discrete	Monthly	Annual	37500	All values < ELV	65.73	148.89	
Landfill Sewer	Wastewater/Se- wer	pH	discrete	Monthly	Annual	5-10 units	No pH value shall deviate from the specified range.	8.06		
Landfill Sewer	Wastewater/Se- wer	Fats, Oils and Greases	discrete	Monthly	Annual	200	All values < ELV	<1	<2.26	

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

Landfill Sewer	Wastewater/Sewer	Ammonia (as N)	discrete	Monthly	Annual	300	All values < ELV	60.25	136.47	
Landfill Sewer	Wastewater/Sewer	Surfactants	discrete	Monthly	Annual	100	All values < ELV	0.24	0.54	
Landfill Sewer	Wastewater/Sewer	Dissolved methane	discrete	Monthly	Annual	0.14	All values < ELV	0.01	0.02	
Landfill Sewer	Wastewater/Sewer	Sulphate	discrete	Monthly	Annual	500	All values < ELV	115.83	262.34	

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

7 Continuous monitoring

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

Yes

If yes please summarise your continuous monitoring data below in Table W4 and compare it to its relevant
 Did continuous monitoring equipment experience downtime? If yes please record downtime in table W4

Yes

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

Yes The site has an ongoing maintenance contract with CSL to ensure equipment on site is maintained

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

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	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

AIR-summary template	Lic No: W0015-01	Year: 2014
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Answer all questions and complete all tables where relevant

- 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

Additional information	
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

No	
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- 3 Was all monitoring carried out in accordance with EPA guidance note AG2 and using the basic air monitoring checklist? [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
BN02	Carbon monoxide (CO)	annual	650		666.80	mg/m3	No	HCIR by Horiba PG-250	12,459	
BN02	Nitrogen oxides (NOx/NO2)	annual	500		374.60	mg/m3		Chemiluminescence by Horiba PG-250	6,999	
BN02	Sulphur oxides (SOx/SO2)	annual			276.90	mg/m3	Yes	NDIR by Horiba PG-250	5,173	
BN02	Flow	annual	3000		2612	m3/hr	Yes	Pitot tube and thermocouple		

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

AIR-summary template	Lic No:	W0015-01	Year	2014
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)	No	
5	Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below	No	
6	Do you have a proactive service agreement for each piece of continuous monitoring equipment?	No	
7	Did your site experience any abatement system bypasses? If yes please detail them in table A3 below	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

SELECT

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								

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	
No	
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?
 - 16 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**
- 1 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

Groundwater/Soil monitoring template Lic No: W0015-01 Year 2014

		Comments
1	Are you required to carry out groundwater monitoring as part of your licence requirements?	yes
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.	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	SELECT
8	Is there a licence condition to carry out/update ELRA for the site?	SELECT
9	Has any type of risk assessment been carried out for the site?	SELECT
10	Has a Conceptual Site Model been developed for the site?	SELECT
11	Have potential receptors been identified on and off site?	SELECT
12	Is there evidence that contamination is migrating offsite?	SELECT

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 interpretation as an additional section in this AER

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*	IGV	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
2014	MW7D	Alkalinity as CaCO3	Colorimetry	Annual	255		mg/l		NAC	no
	MW7D	Ammoniacal Nitrogen	Colorimetry	Monthly/Quarterly	<0.2	<0.2	mg/l	0.175		no
	MW7D	Chloride	Nitric Digest/ICP	Quarterly	31.5	28.45	mg/l	187.5		no
	MW7D	Potassium	Nitric Digest/ICP	Quarterly	1.23	1.11	mg/l		5	no
	MW7D	Sodium	Electrode	Quarterly	17.1	14.65	mg/l	150		no
	MW7D	Conductivity	ISE	Monthly	785	618.28	µs/cm	1875		no
	MW7D	Calcium	Nitric Digest/ICP	Annual	96.5		mg/l		200	no
	MW7D	Cyanide	Nitric Digest/ICP	Annual	31.2		mg/l	0.0375		no
	MW7D	Fluoride	Colorimetry	Annual	<0.2		mg/l		1	no
	MW7D	Magnesium	Nitric Digest/ICP	Annual	8.3		mg/l		50	no
	MW7D	Manganese	Nitric Digest/ICP	Annual	0.142		mg/l		0.05	no
	MW7D	Phosphorous	Nitric Digest/ICP	Annual	<0.12		mg/l		0.03	no
	MW7D	Sulphate as SO4	Nitric Digest/ICP	Annual	14.5		mg/l	187.5		no
	MW7D	TDS	Nitric Digest/ICP	Annual	363		mg/l		1000	no
	MW7D	Coliforms (Faecal)	Nitric Digest/ICP	Annual	0		cfu/100ml		0 counts per 100ml	no
	MW7D	Coliforms (Total)	Colorimetry	Annual	1		cfu/100ml		0 counts per 100ml	no

Groundwater/Soil monitoring template			Lic No: W0015-01		Year 2014			
MW7D	TOC	Colorimetry	Quarterly	<0.7		mg/l	NAC	no
MW7D	TON	Colorimetry	Quarterly	3.46	2.9475	mg/l	NAC	no
MW7D	Total Phenols		Quarterly	<0.002		mg/l	0.0005	no
MW7D	pH	Electrode	Monthly	7.83	7.4		>6.5&<9.5	no
MW7D	Boron	Nitric Digest/ICP	Annual	<0.23		mg/l	0.75	no
MW7D	Cadmium	Nitric Digest/ICP	Annual	<0.0006		mg/l	0.0375	no
MW7D	Chromium	Nitric Digest/ICP	Annual	<0.0020		mg/l	0.00375	no
MW7D	Copper	Nitric Digest/ICP	Annual	<0.009		mg/l	0.015	no

Groundwater/Soil monitoring template				Lic No:	W0015-01	Year	2014	
	MW7D	Iron	Nitric Digest/ICP	Annual	<0.23	mg/l	0.2	no
	MW7D	Lead	Nitric Digest/ICP	Annual	<0.006	mg/l	0.01875	no
	MW7D	Mercury	Nitric Digest/ICP	Annual	<0.0001	mg/l	0.00075	no
	MW7D	Zinc	Nitric Digest/ICP	Annual	<0.018	mg/l	0.1	no

.+ 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*	IGV	
2014	MW4D	Alkalinity as CaCO3	Colorimetry	Annual	294		mg/l		NAC	no
	MW4D	Ammoniacal Nitrogen	Colorimetry	Quarterly	0.285	0.02375	mg/l	0.175		no
	MW4D	Chloride	Nitric Digest/ICP	Quarterly	49.6	43.3	mg/l	187.5		no
	MW4D	Potassium	Nitric Digest/ICP	Quarterly	1.56	1.49	mg/l		5	no
	MW4D	Sodium	Electrode	Monthly	23.8	21.2	mg/l	150		no
	MW4D	Conductivity	ISE	Monthly	1045	698.27	µs/cm	1875		no
	MW4D	Calcium	Nitric Digest/ICP	Annual	118		mg/l		200	no
	MW4D	Cyanide	Nitric Digest/ICP	Annual	<0.009		mg/l	0.0375		no
	MW4D	Fluoride	Colorimetry	Annual	0.2		mg/l		1	no
	MW4D	Magnesium	Nitric Digest/ICP	Annual	18.3		mg/l		50	no
	MW4D	Manganese	Nitric Digest/ICP	Annual	0.205		mg/l		0.05	no
	MW4D	Phosphorous	Nitric Digest/ICP	Annual	<0.12		mg/l		0.03	no
	MW4D	Sulphate as SO4	Nitric Digest/ICP	Annual	78.6		mg/l	187.5		no
	MW4D	TDS	Nitric Digest/ICP	Annual	456		mg/l		1000	no
	MW4D	Coliforms (Faecal)	Nitric Digest/ICP	Annual	0		cfu/100ml		0 counts per 100ml	no
	MW4D	Coliforms (Total)	Colorimetry	Annual	1		cfu/100ml		0 counts per 100ml	no
	MW4D	TOC	Colorimetry	Annual	3.21		mg/l		NAC	no
	MW4D	TON	Colorimetry	Annual	<0.42		mg/l		NAC	no
	MW4D	Total Phenols		Quarterly	<.002		mg/l		0.0005	no
	MW4D	pH	Electrode	Monthly	7.88	7.48			>6.5&<9.5	no
	MW4D	Boron	Nitric Digest/ICP	Annual	<0.23		mg/l	0.75		no
	MW4D	Cadmium	Nitric Digest/ICP	Annual	<0.0006		mg/l	0.0375		no
	MW4D	Chromium	Nitric Digest/ICP	Annual	<0.002		mg/l	0.00375		no
	MW4D	Copper	Nitric Digest/ICP	Annual	0.02		mg/l	0.015		no
	MW4D	Iron	Nitric Digest/ICP	Annual	0.76		mg/l		0.2	no
	MW4D	Lead	Nitric Digest/ICP	Annual	<0.006		mg/l	0.01875		no
	MW4D	Mercury	Nitric Digest/ICP	Annual	<0.0001		mg/l	0.00075		no
	MW4D	Zinc	Nitric Digest/ICP	Annual	<0.018		mg/l		0.1	no

*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.

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 (see the link in G31)

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

Groundwater/Soil monitoring template	Lic No: W0015-01	Year: 2014
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**Depending on location of the site and proximity to other sensitive receptors alternative Receptor based Water Quality standards should be used in addition to the GTV e.g. if the site is close to surface water compare to Surface Water Environmental Quality Standards (SWEQS), If the site is close to a drinking water supply compare results to the Drinking Water Standards (DWS)

[Surface water EQS](#) [Groundwater regulations GTV's](#) [Drinking water \(private supply\) standards](#)

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	SELECT	
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

2014

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

Yes

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

[Noise
Guidance
note NG4](#)

Yes

"Checklist for noise measurement report" included in the guidance note as table 6?

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 _{eq}	LA ₉₀	LA ₁₀	LA _{max}	Tonal or Impulsive noise* (Y/N)	If tonal /impulsive noise was identified was 5dB penalty applied?	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is site compliant with noise limits (day/evening/night)?
24/11/2014	Day	321129N, 22424	NSL1	72.44	59.4	76.61	89.2	No	No		Yes
25/11/2014	Night	321129N, 22424	NSL1	56.15	31.47	49.76	84.4	No	No	No landfill activity audible. Intermittent road traffic on Ballyogan Road, distant road traffic on M50, loud birdsong	Yes
24/11/2014	night	320779E, 224272	NSL2	40.97	34.59	43.95	61.8	No	No	No landfill activity audible. Distant heavy road traffic on Ballyogan Road and M50, LUAS trams, birdsong, construction site, planes overhead, trucks in Council's Roads Depot, reversing sirens	Yes
25/11/2014	day	320779E, 224272	NSL2	50.71	46.12	52.22	70.5	No	No	No landfill activity audible. Intermittent road traffic on Ballyogan Road, passing LUAS trams, distant road traffic on M50, loud birdsong, constant humming noise from ESB depot, vans loading/unloading in An Post depot	Yes
24/11/2014	day	320802E, 224339	NSL3	69.31	57.33	73.53	82.5	No	No	Onsite Noise Sources: None Offsite Noise Sources: Buses, heavy road traffic on Ballyogan Road, Distant road traffic on M50, LUAS trams, birdsong, construction site, constant reversing sirens, planes overhead, pedestrians, trucks exiting Council's Roads Depot	Yes
25/11/2014	Night	320802E, 224339	NSL3	53.21	34.91	48.12	78.5	No	No	No landfill audible activity. Intermittent road traffic on Ballyogan Road, passing LUAS trams, distant road traffic on M50, loud birdsong	Yes
24/11/2014	Day	321227E, 224206	NSL4	73.56	61.61	77.62	89.5	No	No	No landfill audible activity. Buses, heavy road traffic on Ballyogan Road, Distant road traffic on M50, LUAS trams, birdsong, construction site, planes overhead, pedestrians, intermittent hammering from adjacent house	Yes

25/11/2014	Night	321227E, 224206	NSL4	55.43	28.28	44.75	83.1	No	No	No landfill audible activity. Intermittent road traffic on Ballyogan Road, cleaners at adjacent LUAS stop, distant road traffic on M50, slight birdsong	Yes
24/11/2014	day	320940E, 242841	NSL5	54.59	50.89	56.79	71.2	No	No	No landfill audible activity. On landfill, Doors slamming, moving vehicles and glass bottles being broken at the Ballyogan Recycling Park. Buses, heavy road traffic on Ballyogan Road, Distant road traffic on M50, LUAS trams, doors slamming in An Post car park, air conditioning unit in An Post depot, birdsong, pheasants calling, construction site, planes overhead, recycling centre to rear of An Post depot	Yes
24/11/2014	Night	320940E, 242841	NSL5	48.07	38.95	50.46	66.3	No	No	Intermittent road traffic on Ballyogan Road, passing LUAS trams, distant road traffic on M50, loud birdsong, vans loading/unloading in An Post depot, air conditioning hum from An Post depot	Yes
24/11/2014	day	320508E, 223345	NSL6	45.01	42.77	46.57	64.6	No	No	No landfill audible activity. Distant traffic on Enniskerry road and M50, loud birdsong, water running in drain at 10m, planes overhead, car alarm, children shouting in distant playground, distant reversing siren	Yes
24/11/2014	Night	320508E, 223345	NSL6	38.05	35.79	39.75	46.8	No	No	No landfill activity. Distant traffic on Enniskerry road and M50, water running in drain at 10m, planes overhead, dog barking	Yes
24/11/2014	day	320336E, 223408	NSL7	43.02	39.84	45.18	57.8	No	No	No landfill audible activity. Distant traffic on Enniskerry road and M50, loud birdsong, trees rustling, golfers chatting on course, planes overhead	Yes
24/11/2014	Night	320336E, 223408	NSL7	39.56	35.45	42.05	51.9	No	No	No landfill audible activity. Distant traffic on Enniskerry road and M50, planes overhead, dog barking	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)

Environmental Management Programme/Continuous Improvement Programme template Lic No: W0015-01 Year 2014

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	SELECT	
2	Does the EMS reference the most significant environmental aspects and associated impacts on-site	SELECT	
3	Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance with the licence requirements	SELECT	
4	Do you maintain an environmental documentation/communication system to inform the public on environmental performance of the facility, as required by the licence	SELECT	

Environmental Management Programme (EMP) report

Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
SELECT		SELECT		SELECT	SELECT
SELECT		SELECT		SELECT	SELECT
SELECT		SELECT		SELECT	SELECT

Resource Usage/Energy efficiency summary

Lic No:

W0015-01

Year

2014

Additional information

- 1 When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below
- 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
- 2 Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information
- 3

[SEAI - Large Industry Energy Network \(LIEN\)](#)

Enter date of audit	
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)				
Total Energy Generated (MWHrs)				
Total Renewable Energy Generated (MWHrs)	5262	5262	0	0
Electricity Consumption (MWHrs)	257,910	232,256		-9.95%
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)				
Light Fuel Oil (m3)				
Natural gas (m3)	11085	9078		-18%
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

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	1302	3500	168.00%				
Recycled water							
Total	1302	3500	169				

* 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)					

Resource Usage/Energy efficiency summary Lic No: W0015-01 Year 2014

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					

Complaints and Incidents summary template Lic No: W0015-01 Year 2014

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	

Date	Category	Other type (please specify)	Brief description of complaint (Free txt <20 words)	Corrective action< 20 words	Resolution status	Resolution date	Further information
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		
Total complaints open at start of reporting year							
Total new complaints received during reporting year							
Total complaints closed during reporting year							
Balance of complaints end of reporting year							

Incidents

Have any incidents occurred on site in the current reporting year? Please list all incidents for current reporting year in Table 2 below		Yes	
*For information on how to report and what constitutes an incident		What is an incident	

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 recurrence
22/01/2014	Trigger level reached	Other location (please specify)	1. Minor	Air	Operational controls	GW16(1.5), GW17(1.6), GW19a(2.6), GW20a(1.8), GW24(2.3), GW45(7.5), GW48a(3.4), GW56(1.9), GW57a(2.1), GW77a(1.8), GW79a(2.1), GW81(1.8), GW82(2.1), GW84(2.1)	Normal activities	Local Authorities	Recurring			Ongoing		High
13/02/2014	Trigger level reached	Other location (please specify)	1. Minor	Air	Operational controls	GW9a(1.6), GW19a(1.6), GW21b(1.5), GW24(3.1), GW44(2.3), GW44(2.3), GW45(1.7), GW59a(2.4), GW84(2.1)	Normal activities	Local Authorities	Recurring			Ongoing		High
26/03/2014	Trigger level reached	Other location (please specify)	1. Minor	Air	Operational controls	GW4(1.6), GW5(1.5), GW9a(1.7), GW20a(2.5), GW24(2.3), GW48a(3.6), GW57a(1.8)	Normal activities	Local Authorities	Recurring			Ongoing		High
29/04/2014	Trigger level reached	Other location (please specify)	1. Minor	Air	Operational controls	GW8(1.8), GW9a(1.6), GW17(2.6), GW19a(1.8), GW20a(2.3), GW45(6.5), GW48a(2.3), GW49a(2.8), GW76a(1.5), GW77a(2.2), GW79a(3.2), GW83(3.2)	Normal activities	Local Authorities	Recurring			Ongoing		High
30/05/2014	Trigger level reached	Other location (please specify)	1. Minor	Air	Operational controls	GW24(3.4), GW44(2.7), GW45(2.7), GW50a(1.8), GW51a(2.2)	Normal activities	Local Authorities	Recurring			Ongoing		High
27/06/2014	Trigger level reached	Other location (please specify)	1. Minor	Air	Operational controls	GW9a(3.2), GW17(2.5), GW24(2.7), GW44(1.8), GW45(4.7), GW84(3.1)	Normal activities	Local Authorities	Recurring			Ongoing		High
24/07/2014	Trigger level reached	Other location (please specify)	1. Minor	Air	Operational controls	GW4(3.0), GW8(1.7), GW9a(2.4), GW16(2.5), GW17(2.7), GW91a(5.4), GW20a(5.3), GW24(5.2), GW48a(7.4), GW49a(4.0), GW52b(3.9), GW53b(2.0), GW54b(3.2), GW55b(2.6), GW57b(3.6), GW58(1.9), GW67(1.8), GW77a(3.3), GW79a(3.3), GW80(3.4), GW81(3.0), GW82(4.2), GW83(3.2), GW84a(3.6)	Normal activities	Local Authorities	Recurring			Ongoing		High
19/08/2014	Trigger level reached	Other location (please specify)	1. Minor	Air	Operational controls	GW8(1.6), GW9a(1.8), GW16(1.8), GW17(1.9), GW19a(3.2), GW20a(2.3), GW24(4.9), GW48a(4.5), GW49a(2.1), GW54b(2.2), GW57b(1.8), GW59a(2.7), GW77a(2.2), GW79a(2.1), GW82(1.9), GW83(1.8), GW84a(2.3)	Normal activities	Local Authorities	Recurring			Ongoing		High
14/09/2014	Trigger level reached	Other location (please specify)	1. Minor	Air	Operational controls	GWGW4(2.2), GW5(2.8), GW6(2.7), GW8(1.7), GW15(2.2), GW17(2.3), GW19a(4.2), GW20a(3.1), GW24(2.6), GW48a(8.3), GW49a(5.5), GW52b(3.6), GW54b(2.9), GW55b(3.5), GW57b(3.7), GW59a(4.4), GW79a(3.5), GW81(3.4), GW82(4.6), GW83(3.9), GW84a(3.4)	Normal activities	Local Authorities	Recurring			Ongoing		High
16/10/2014	Trigger level reached	Other location (please specify)	1. Minor	Air	Operational controls	GW5(2.5), GW6(2.2), GW9a(3.0), GW16(2.2), GW19a(4.1), GW20a(5.0), GW24(3.2), GW48a(10.1), GW49a(3.2), GW52b(1.9), GW54b(2.1), GW57b(2.6), GW59a(8.1), GW79a(2.3), GW81(3.0), GW82(2.6), GW83(3.1), GW84(2.9)	Normal activities	Local Authorities	Recurring			Ongoing		High

WASTE SUMMARY	Lic No:	W0015-01	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

Additional Information

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 boundaries is to be captured through PRTR reporting)
 If yes please enter details in table 1 below

No	
----	--

2 Did your site have any rejected consignments of waste in the current reporting year? If yes please give a brief explanation in the additional information

No	
----	--

3 Was waste accepted onto your site that was generated outside the Republic of Ireland? If yes please state the quantity in tonnes in additional information

No	
----	--

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

Licensed 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 -
	European Waste Catalogue EWC codes		European Waste Catalogue EWC codes								

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

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

Yes	
-----	--

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

Yes	
-----	--

6 Does your facility have relevant nuisance controls in place?

Yes	
-----	--

7 Do you have an odour management system in place for your facility? If no why?

N/A	
-----	--

8 Do you maintain a sludge register on site?

N/A	
-----	--

SECTION D-TO BE COMPLETED BY LANDFILL SITES ONLY

Table 2 Waste type and tonnage-landfill only

Waste types permitted for disposal	Authorised/licenced annual intake for disposal (tpa)	Actual intake for disposal in reporting year (tpa)	Remaining licensed capacity at end of reporting year (m3)	Comments
		0		Ballyogan has been closed to accepting waste since 2005
			0	

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	
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	

WASTE SUMMARY	Lic No:	W0015-01	Year	2014
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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 (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
Yes	Yes	Yes	Yes	No	Yes	No		

-> 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 m ² ha, a	Area capped other	Area with waste that should be permanently capped to date under licence	What materials are used in the cap	Comments
SELECT UNIT	SELECT UNIT					
0	0	0	0	443000	Topsoil, Subsoil, Geocomposite, Clay liner	

*please note this includes daily cover area

Leachate generated is pretreated on site at the Methane Stripping Plant

Table 6 Leachate-Landfill only

9 Is leachate from your site treated in a Waste Water Treatment Plant?

Yes
No

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

Volume of leachate in reporting year(m ³)	Leachate (BOD) mass load (kg/annum)	Leachate (COD) mass load (kg/annum)	Leachate (NH ₄) mass load (kg/annum)	Leachate (Chloride) mass load kg/annum	Leachate treatment on-site	Specify type of leachate treatment	Stripping Plant

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

Table 7 Landfill Gas-Landfill only

Gas Captured&Treated by LFG System m ³	Power generated (MW / KWh)	Used on-site or to national grid	Was surface emissions monitoring performed during the reporting year?	Comments
4,170,331	5262	National Grid	Yes	



#N/A

29/05/2015 14:15

[Guidance to completing the PRTR workbook](#)

AER Returns Workbook

Version 1.1.18

REFERENCE YEAR 2014

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

Classes of Activity	
No.	class_name
-	Refer to PRTR class activities below

Address 1	Ballyogan Road
Address 2	Jamestown Townland
Address 3	Carrickmines
Address 4	Dublin 18
Country	Dublin
Coordinates of Location	Ireland
River Basin District	-6.19293 53.252
NACE Code	IEEA
Main Economic Activity	3821
AER Returns Contact Name	Treatment and disposal of non-hazardous waste
AER Returns Contact Email Address	Seamus Moran
AER Returns Contact Position	smoran@dlrcoco.ie
AER Returns Contact Telephone Number	Landfill Manager
AER Returns Contact Mobile Phone Number	0866026888
AER Returns Contact Fax Number	0866026888
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	
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)?	
---	--

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_2014.xls | Return Year : 2014 |

29/05/2015 14:20

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

POLLUTANT		METHOD			Please enter all quantities in this section in KGs			
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Engine BN02 Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
02	Carbon monoxide (CO)	M	EN15058	NDIR by Horiba PG-250 Chemiluminescence by	12459.0	12459.0	0.0	0.0
08	Nitrogen oxides (NOx/NO2)	M	EN 14792:2005	Horiba PG-250	6999.0	6999.0	0.0	0.0
11	Sulphur oxides (SOx/SO2)	M	ALT	NDIR by Horiba PG-250	5173.0	5173.0	0.0	0.0
01	Methane (CH4)	C	OTH	fugitive emissions from site as per table below	0.0	1125206.0	0.0	1125206.0
03	Carbon dioxide (CO2)	C	OTH	fugitive emissions from site, calculated from gassim - volume utilised.	0.0	4290983.0	0.0	4290983.0

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

SECTION B : REMAINING PRTR POLLUTANTS

POLLUTANT		METHOD			Please enter all quantities in this section in KGs			
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Engine Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
15	Chlorofluorocarbons (CFCs)	E	OTH	Gassim 2	4.78	4.78	0.0	0.0
14	Hydrochlorofluorocarbons (HCFCs)	E	OTH	Gassim 2	2.58	2.58	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)

POLLUTANT		METHOD			Please enter all quantities in this section in KGs			
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: 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
			Method Code	Designation or Description	
Total estimated methane generation (as per site model)	2138025.0	E	OTH	Gassim 2	N/A
Methane flared	0.0				0.0 (Total Flaring Capacity)
Methane utilised in engine/s	1012819.0	M	OTH	Measured in engine	1300.0 (Total Utilising Capacity)
Net methane emission (as reported in Section A above)	1125206.0	C	OTH	Calculated	N/A

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 c

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

concerns Releases from your facilit

4.3 RELEASES TO WASTEWATER OR SEWER

[Link to previous years emissions data](#)

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

29/05/2015 14:21

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_2014.xls | Return Year : 2014 |

29/05/2015 14:25

SECTION A : PRTR POLLUTANTS

POLLUTANT		METHOD			QUANTITY		
Name		M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year
No. Annex II					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		METHOD			QUANTITY		
Name		M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year
Pollutant No.					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 : Ballyogan Landfill Facility Ballyogan Recycling Park | Filename : W0015_2014.xls | Return Year : 2014 |

29/05/2015 14:27

Please enter all quantities on this sheet in Tonnes

70

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used					
Within the Country	08 03 99	No	0.64	wastes not otherwise specified	R12	M	Weighed	Offsite in Ireland	Kildarson Printers ,WCPEX-DC-08-11-01	17 The Sycamores,Stradbrook Hill,Blackrock,Co. Dublin WCPEX-DC-08-11-01,Ireland		
Within the Country	15 01 01	No	16.84	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	1.38	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 02	No	5.76	plastic packaging	R12	M	Weighed	Offsite in Ireland	Ozo,WFP-DC-09-0009-01	Jamestown Road,Inchicore,Dublin 8,,Ireland		
Within the Country	15 01 02	No	8.66	plastic packaging	R12	M	Weighed	Offsite in Ireland	Panda,W0039-02	Ballymount Cross,Ballymount ,Dublin 22,39-2,Ireland		
Within the Country	15 01 02	No	0.52	plastic packaging	R12	M	Weighed	Offsite in Ireland	Irish Packaging Recycling,W0263-01	Ballymount Road,Walkinstown,Dublin 22,,Ireland		
Within the Country	15 01 02	No	0.04	plastic packaging	R12	M	Weighed	Offsite in Ireland	Thorntons Recycling ,WFP-DC-10-0021-02	Unit 51,Henry Road,Parkwest Business Park ,Dublin 12,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	15 01 02	No	3.92	plastic packaging	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	15 01 02	No	2.0	plastic packaging	R12	M	Weighed	Offsite in Ireland	Ozo,WFP-DC-09-0009-01	Jamestown Road,Inchicore,Dublin 8,,Ireland	Reuse,,Reuse,,,,,Ireland	,,,,,Ireland
Within the Country	15 01 02	No	25.96	plastic packaging	R12	M	Weighed	Offsite in Ireland	Oxigen Robinhood,W0152-03	Oxigen Robinhood Industrial Estate,Robinhood Road,Ballymount,Dublin 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	15 01 02	No	5.98	plastic packaging	R12	M	Weighed	Offsite in Ireland	Thorntons Recycling ,WFP-DC-10-0021-02	Unit 51,Henry Road,Parkwest Business Park ,Dublin 12,Ireland		
Within the Country	15 01 02	No	5.14	plastic packaging	D8	M	Volume Calculation	Offsite in Ireland	Panda,W0039-02	Ballymount Cross,Ballymount ,Dublin 22,39-2,Ireland		
Within the Country	15 01 04	No	4.02	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 04	No	1.62	metallic packaging	R12	M	Weighed	Offsite in Ireland	Ozo,WFP-DC-09-0009-01	Jamestown Road,Inchicore,Dublin 8,,Ireland		
Within the Country	15 01 04	No	4.88	metallic packaging	R12	M	Weighed	Offsite in Ireland	Panda,W0039-02	Ballymount Cross,Ballymount ,Dublin 22,39-2,Ireland		
Within the Country	15 01 04	No	0.28	metallic packaging	R12	M	Weighed	Offsite in Ireland	Irish Packaging Recycling,W0263-01	Ballymount Road,Walkinstown,Dublin 22,,Ireland		
Within the Country	15 01 04	No	4.76	metallic packaging	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

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used					
Within the Country	15 01 04	No	1.6	metallic packaging	R12	M	Weighed	Offsite in Ireland	Ozo,WFP-DC-09-0009-01	Jamestown Road,Inchicore,Dublin 8,,Ireland		
Within the Country	15 01 04	No	3.84	metallic packaging	R12	M	Weighed	Offsite in Ireland	Panda,W0039-02	Ballymount Cross,Ballymount ,Dublin 22,39-2,Ireland		
Within the Country	15 01 04	No	0.58	metallic packaging	R12	M	Weighed	Offsite in Ireland	Irish Packaging Recycling,W0263-01	Road,Walkinstown,Dublin 22,,Ireland		
Within the Country	15 01 05	No	0.42	composite packaging	R4	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	1.9	composite packaging	R3	M	Weighed	Offsite in Ireland	Ozo,WFP-DC-09-0009-01	Jamestown Road,Inchicore,Dublin 8,,Ireland		
Within the Country	15 01 05	No	1.4	composite packaging	R12	M	Weighed	Offsite in Ireland	Panda,W0039-02	Ballymount Cross,Ballymount ,Dublin 22,39-2,Ireland		
Within the Country	15 01 07	No	18.76	glass 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	172.88	glass packaging	R12	M	Weighed	Offsite in Ireland	Glassco,WCP-DC-10-1257-01	Unit 4,Oberstown Ind Est,Naas,Co. Kildare,Ireland		
Within the Country	15 01 01	No	9.58	paper and cardboard packaging	R12	M	Weighed	Offsite in Ireland	Ozo,WFP-DC-09-0009-01	Jamestown Road,Inchicore,Dublin 8,,Ireland		
Within the Country	15 01 01	No	158.88	paper and cardboard packaging	R12	M	Weighed	Offsite in Ireland	Thorntons Recycling ,WFP-DC-10-0021-02	Unit 51,Henry Road,Parkwest Business Park ,Dublin 12,Ireland		
Within the Country	15 01 01	No	15.96	paper and cardboard packaging	R12	M	Weighed	Offsite in Ireland	Panda,W0039-02	Ballymount Cross,Ballymount ,Dublin 22,39-2,Ireland		
Within the Country	16 05 04	Yes	1.56	gases in pressure containers (including halons) containing dangerous substances	R12	M	Weighed	Offsite in Ireland	Oxigen,W0208-01	Lower,Ballymount,Dunlin 22,Ireland	BOC GAS,,Reused by BOC,,,,,Ireland	Reused by BOC,,,,,Ireland
Within the Country	16 05 04	Yes	3.7	gases in pressure containers (including halons) containing dangerous substances	R12	M	Weighed	Offsite in Ireland	Calor Gas,,	,,,,,Ireland	Reuse,,Reuse,,,,,Ireland	,,,,,Ireland
Within the Country	16 06 01	Yes	1.7	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	16 06 01	Yes	19.88	lead batteries	R12	M	Weighed	Offsite in Ireland	Silliot Hill IWMF,W0014-01	Kilcullen,Co Kildare,,,,Ireland	Hi-volt ,W0267-01,Ballyduff,Thurles,Co Tipperary,,Ireland	Ballyduff,Thurles,Co Tipperary,,Ireland
Within the Country	17 08 02	No	1.6	gypsum-based construction materials other than those mentioned in 17 08 01	R12	M	Weighed	Offsite in Ireland	Ozo,WFP-DC-09-0009-01	Jamestown Road,Inchicore,Dublin 8,,Ireland		
Within the Country	17 08 02	No	15.0	gypsum-based construction materials other than those mentioned in 17 08 01	R12	M	Weighed	Offsite in Ireland	Thorntons Recycling ,WFP-DC-10-0021-02	Unit 51,Henry Road,Parkwest Business Park ,Dublin 12,Ireland		
Within the Country	19 07 03	No	2265.0	landfill leachate other than those mentioned in 19 07 02	D8	M	Volume Calculation	Offsite in Ireland	Dun Laoghaire Rathdown County Council,D0038-01	Shanganagh Waste Water Treatment Plant,,Dun Laoghaire,,Ireland		
Within the Country	20 01 01	No	2.32	paper and cardboard	R12	M	Weighed	Offsite in Ireland	Textile Recycling,WPR-014/2	Glen Abbey Complex,Belgard Road,Tallaght,Dublin 24,Ireland		

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used					
Within the Country	20 01 01	No	31.06	paper and cardboard	R12	M	Weighed	Offsite in Ireland	Oxigen,W0208-01	Ballymount Industrial Estate,Ballymount Road Lower,Ballymount,Dunlin 22,Ireland		
Within the Country	20 01 01	No	155.74	paper and cardboard	R12	M	Weighed	Offsite in Ireland	Ozo,WFP-DC-09-0009-01	Jamestown Road,Inchicore,Dublin 8,,Ireland		
Within the Country	20 01 01	No	9.64	paper and cardboard	R12	M	Weighed	Offsite in Ireland	Thorntons Recycling ,WFP-DC-10-0021-02	Unit 51, Henry Road,Parkwest Business Park ,Dublin 12,Ireland		
Within the Country	20 01 01	No	78.1	paper and cardboard	R12	M	Weighed	Offsite in Ireland	Panda,W0039-02	Ballymount Cross,Ballymount ,Dublin 22,39-2,Ireland		
Within the Country	20 01 02	No	18.22	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 02	No	0.84	glass	R12	M	Weighed	Offsite in Ireland	Glassco,WCP-DC-10-1257-01	Unit 4,Oberstown Ind Est,Naas,Co. Kildare,Ireland		
Within the Country	20 01 11	No	219.06	textiles	R12	M	Weighed	Offsite in Ireland	Textile Recycling,WPR-014/2	Glen Abbey Complex,Belgard Road,Tallaght,Dublin 24,Ireland		
Within the Country	20 01 21	Yes	0.8	fluorescent tubes and other mercury-containing waste	R12	M	Weighed	Offsite in Ireland	Irish Lamp,WFP-KE-14-0072-01	Woodstock Ind Est,Athy,Co Kildare,,Ireland	Irish Lamp,WFP-KE-14-0072-01,Woodstock ind est,Athy,Kildare,,Ireland	Woodstock ind est,Athy,Kildare,,Ireland
Within the Country	20 01 21	Yes	0.08	fluorescent tubes and other mercury-containing waste	R12	M	Weighed	Offsite in Ireland	KMK,WCP-OY-08-0607-01	Cappincur Ind Est,Daingean Road,Tullamore,Co Offaly,Ireland	Cappincur ind est,Daingean Road,Tullamore,Co. Offaly,Ireland	Cappincur ind est,Daingean Road,Tullamore,Co. Offaly,Ireland
Within the Country	20 01 25	No	4.96	edible oil and fat	R12	M	Weighed	Offsite in Ireland	Mitchell Taylor Exports Ltd,WP 98119	Newmarket,Dublin 8,,Ireland		
Within the Country	20 01 26	Yes	4.96	oil and fat other than those mentioned in 20 01 25	R12	M	Weighed	Offsite in Ireland	Enva Ireland Ltd.,W0184-01	Atlas Environmental Ilimited,Clonminam Industrial Estate,Portlaoise,,Ireland	Enva Ireland Ltd,W0184-01,Clonminham Industrial Estate,Portlaoise,,Ireland	Clonminham Industrial Estate,Portlaoise,,Ireland
Within the Country	20 01 27	Yes	4.1	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	Robinhood Industrial Estate,Robinhood Road,Ballymount,Dublin 22,Ireland	Robinhood Industrial Estate,Robinhood Road,Ballymount,Dublin 22,Ireland
Within the Country	20 01 27	Yes	1.1	paint, inks, adhesives and resins containing dangerous substances	R12	M	Weighed	Offsite in Ireland	Thorntons Recycling ,WFP-DC-10-0021-02	Unit 51, Henry Road,Parkwest Business Park ,Dublin 12,Ireland	Rilta,W0192-03,Block 402 Grants Drive,Greenogue Business Park,Rathcoole,County Dublin,Ireland	Block 402 Grants Drive,Greenogue Business Park,Rathcoole,County Dublin,Ireland
Within the Country	20 01 27	Yes	129.34	paint, inks, adhesives and resins containing dangerous substances	R12	M	Weighed	Offsite in Ireland	Silliot Hill IWMF,W0014-01	Kilcullen,Co Kildare,,Ireland	Rilta,W0192-03,Block 402 Grants Drive,Greenogue Business Park,Rathcoole,County Dublin,Ireland	Block 402 Grants Drive,Greenogue Business Park,Rathcoole,County Dublin,Ireland
Within the Country	20 01 27	Yes	0.04	paint, inks, adhesives and resins containing dangerous substances	R12	M	Weighed	Offsite in Ireland	Kildarson Printers ,WCPEX-DC-08-11-01	17 The Sycamores,Stradbroke Hill,Blackrock,Co. Dublin	Kildarson Printers ,WCPEX-DC-08-11-01,Ireland	17 The Sycamore,Stadbroke Hill,Blackrock,County Dublin,Ireland
Within the Country	20 01 27	Yes	2.12	paint, inks, adhesives and resins containing dangerous substances	R12	M	Weighed	Offsite in Ireland	Rediscovery Centre,...	Unit 4 Shangan Court,Shangan Road,Ballymun,Dublin 9,Ireland	Rediscovery Centre ,Unit 4 Shangan Coury,Shangan Road,Ballymun,Dublin 9,Ireland	Unit 4 Shangan Coury,Shangan Road,Ballymun,Dublin 9,Ireland

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						M/C/E	Method Used					
Within the Country	20 01 33	Yes	5.22	batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries	R12	M	Weighed	Offsite in Ireland	The Recycling Village,WFP-MH-11-0005-01	Unit 21 Duleek Business Park,Co. Meath,,,,Ireland	The Recycling Village,WFP-MH-11-0005-01,Unit 21,Duleek Business Park,Co Meath,,Ireland	Unit 21,Duleek Business Park,Co Meath,,Ireland
Within the Country	20 01 33	Yes	0.7	batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries	R12	M	Weighed	Offsite in Ireland	KMK,WCP-OY-08-0607-01	Cappincur Ind Est,Daingean Road,Tullamore,Co Offaly,Ireland	KMK ,WCP-OY-08-0607-01,Cappincur ind est,Daingean Road,Tullamore,Co. Offaly,Ireland	Cappincur ind est,Daingean Road,Tullamore,Co. Offaly,Ireland
Within the Country	20 01 35	Yes	276.54	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and and 20 01 23 containing hazardous components	R12	M	Weighed	Offsite in Ireland	Ratcliffe Transport,WCP-DC-08-1130-01	Ballystrahan,St Margarets,Co Dublin,,Ireland	Rehab,WFP-DS-10-0008-03 ,Unit 77 Broomhill Road,Tallaght,D24,D24,Ireland	Unit 77 Broomhill Road,Tallaght,D24,D24,Ireland
Within the Country	20 01 35	Yes	4.0	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and and 20 01 23 containing hazardous components	R12	M	Weighed	Offsite in Ireland	KMK,WCP-OY-08-0607-01	Cappincur Ind Est,Daingean Road,Tullamore,Co Offaly,Ireland	KMK ,WCP-OY-08-0607-01,Cappincur ind est,Daingean Road,Tullamore,Co. Offaly,Ireland	Cappincur ind est,Daingean Road,Tullamore,Co. Offaly,Ireland
Within the Country	20 01 36	No	7.26	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	R12	M	Weighed	Offsite in Ireland	Oxigen,W0208-01	Ballymount Industrial Estate,Ballymount Road Lower,Ballymount,Dunlin 22,Ireland		
Within the Country	20 01 36	No	304.46	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	R12	M	Weighed	Offsite in Ireland	KMK,WCP-OY-08-0607-01	Cappincur Ind Est,Daingean Road,Tullamore,Co Offaly,Ireland		
Within the Country	20 01 36	No	0.12	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	R12	M	Weighed	Offsite in Ireland	KMK,WCP-OY-08-0607-01	Cappincur Ind Est,Daingean Road,Tullamore,Co Offaly,Ireland		
Within the Country	20 01 38	No	339.52	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 38	No	143.44	wood other than that mentioned in 20 01 37	R12	M	Weighed	Offsite in Ireland	Thorntons Recycling ,WFP-DC-10-0021-02	Unit 51,Henry Road,Parkwest Business Park ,Dublin 12,Ireland		
Within the Country	20 01 39	No	0.38	polystyrene	R12	M	Weighed	Offsite in Ireland	Rehab Recycling,WFP-DS-10-0008-03	Road,Tallaght,Dublin 24,Ireland		
Within the Country	20 01 39	No	0.32	compact disks	R12	M	Weighed	Offsite in Ireland	Source Imaging Supplies,WCP-10-OY-0181	Browns Hill,Roscrea,Co Tipperary,,Ireland		
Within the Country	20 01 40	No	216.01	metals	R4	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	8.62	bikes	R4	M	Weighed	Offsite in Ireland	Rothar,.	Patrick Street,91,Dun Laoghaire ,Co. Dublin,Ireland		
Within the Country	20 01 40	No	8.5	metals	R4	M	Weighed	Offsite in Ireland	Thorntons Recycling ,WFP-DC-10-0021-02	Unit 51,Henry Road,Parkwest Business Park ,Dublin 12,Ireland		
Within the Country	20 02 01	No	2934.92	biodegradable waste	R3	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	434.72	biodegradable waste	R3	M	Weighed	Offsite in Ireland	Thorntons Recycling ,WFP-DC-10-0021-02	Unit 51,Henry Road,Parkwest Business Park ,Dublin 12,Ireland		
Within the Country	20 02 01	No	246.28	biodegradable waste	R3	M	Weighed	Offsite in Ireland	Enrich Composting,WFP/MH/08/0001/01	Kilcock,,,,Meath,Ireland		
Within the Country	20 02 01	No	371.88	biodegradable waste	R3	M	Weighed	Offsite in Ireland	Silliot Hill IWMF,W0014-01	Kilcullen,Co Kildare,,,,Ireland		

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						M/C/E	Method Used					
Within the Country	20 02 02	No	114.68	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 02 02	No	158.0	soil and stones	R12	M	Weighed	Offsite in Ireland	Thorntons Recycling ,WFP-DC-10-0021-02		Unit 51,Henry Road,Parkwest Business Park ,Dublin 12,Ireland	
Within the Country	20 03 01	No	166.74	mixed municipal waste	R12	M	Weighed	Offsite in Ireland	Oxigen,W0152-03		Robinhood Industrial Estate,Ballymount,Dublin 22,,Ireland	
Within the Country	20 03 07	No	171.36	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	1039.76	bulky waste	R12	M	Weighed	Offsite in Ireland	Thorntons Recycling ,WFP-DC-10-0021-02		Unit 51,Henry Road,Parkwest Business Park ,Dublin 12,Ireland	
Within the Country	20 03 07	No	4.14	bulky waste	R12	M	Weighed	Offsite in Ireland	Panda,W0039-02		Ballymount Cross,Ballymount ,Dublin 22,39-2,Ireland	
Within the Country	20 03 07	No	2.96	bulky waste	R12	M	Weighed	Offsite in Ireland	Oxigen,W0152-03		Robinhood Industrial Estate,Ballymount,Dublin 22,,Ireland	
Within the Country	20 03 07	No	51.0	bulky waste	R12	M	Weighed	Offsite in Ireland	Eco Mattress Recycling Ltd.,WFP-DC-12-0032-01		Slaney Road ,133A,Glasnevin ,Dublin 11,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](#)