

Facility Information Summary	
AER Reporting Year	2017
Licence Register Number	W0045-01
Name of site	Keywaste Management Limited
Site Location	Greenview, Greenhills Road, Walkinstown, Dublin 12
NACE Code	3811, 3812
Class/Classes of Activity	Collection & Transfer of non- hazardous and hazardous waste
National Grid Reference (6E, 6 N)	(310577,889, 230453.525)
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.	The results of this monitoring indicates the site is functioning well, with all parameters being compliant with the conditions set out in Schedule F: Emission Limits of W0045-01. All the measured values are significantly below the ELVs. As the company is expanding, an increase in the volume of waste transferred through the site has been observed. This increase is still significantly below the permissible 'Maximum Tonnes Per Annum' listed in Schedule G of the Waste Licence.

Declaration:

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

Signature	<i>Brona Dunne</i>	Date	30.03.2018
Group/Facility manager			
(or nominated, suitably qualified and experienced deputy)			

AIR-summary template	Lic No: W0045-01	Year: 2017
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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
Yes	Quarterly dust monitoring using the Bergerhoff method of dust analysis

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	
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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 therof	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	Total Particulates	Quarterly	350	Monthly average < ELV	277	mg/m2/day	yes	Bergerhoff	0.101	
D3	Total Particulates	Quarterly	350	Monthly average < ELV	125	mg/m2/day	SELECT	Bergerhoff	0.046	
D4	Total Particulates	Quarterly	350	Monthly average < ELV	120	mg/m2/day	SELECT	Bergerhoff	0.049	

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

AIR-summary template	Lic No:	W0045-01	Year	2017
Continuous Monitoring				

<p>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)</p>	No	
<p>5 Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below</p>	No	
<p>6 Do you have a proactive service agreement for each piece of continuous monitoring equipment?</p>	No	
<p>7 Did your site experience any abatement system bypasses? If yes please detail them in table A3 below</p>	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.	Solvents destroyed onsite through	Total emission of Solvent to air (kg)
							Total	

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)				Lic No: W0045-01	Year: 2017
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1	Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table W2 and W3 below for the current reporting year and answer further questions. If you do not have licensed emissions you <u>only</u> need to complete table W1 and or W2 for storm water analysis and visual inspections	Yes	Additional information
	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 <u>only any evidence of contamination noted during visual inspections</u>	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
	SELECT	SELECT	SELECT			SELECT		SELECT	SELECT	
	SELECT	SELECT	SELECT			SELECT		SELECT	SELECT	

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

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

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

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

3	Was there any result in breach of licence requirements? If yes please provide brief details in the comment section of Table W3 below	No	Additional information
	4	Was all monitoring carried out in accordance with EPA guidance and checklists for Quality of Aqueous Monitoring Data Reported to the EPA? If no please detail what areas require improvement in additional information box	Yes

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

Emission	Emission released to	SubstanceNote 1	Type of sample	monitoring	Averaging period	ELV or trigger	Licence Compliance criteria	Measured value	Unit of	Compliant with	Method of analysis	Procedural reference	Procedural	(kg)	Comments
Sump A	Wastewater/Sewer	BOD	discrete	Quarterly	24 hour	2500	All values < ELV	1396.75	mg/L	yes	Other (please describe)	UK SCA "Blue Book" series	SOP 1090	1296.18	5 Day incubation at 20°C
Sump A	Wastewater/Sewer	COD	discrete	Quarterly	24 hour	7500	All values < ELV	1857.5	mg/L	yes	Other (please describe)	UK SCA "Blue Book" series	SOP 1100	1723.76	Dichromate oxidation, colorimetry
Sump A	Wastewater/Sewer	Ammonia (as N)	discrete	Quarterly	24 hour	100	All values < ELV	51.15	mg/L	yes	Other (please describe)	UK SCA "Blue Book" series	SOP 1220	47.47	Automated colorimetric with Aquakem 600
Sump A	Wastewater/Sewer	Suspended Solids	discrete	Quarterly	24 hour	1000	All values < ELV	191	mg/L	yes	Other (please describe)	UK SCA "Blue Book" series	SOP 1030	177.2	of residue after dried at 105°C
Sump A	Wastewater/Sewer	Sulphate	discrete	Quarterly	24 hour	500	All values < ELV	87.75	mg/L	yes	Other (please describe)	UK SCA "Blue Book" series	SOP 1220	81.43	Aquakem 600
Sump A	Wastewater/Sewer	pH	discrete	Quarterly	24 hour	6_10	No pH value shall deviate from the specified range	6.75	ph Units	yes	pH Meter (Electrode)	UK SCA "Blue Book" series	SOP 1010	6.26	N/A
Sump A	Wastewater/Sewer	Detergents (as MBAS)	discrete	Quarterly	24 hour	100	All values < ELV	1.9	degrees C	yes	ctrophotometry (Colorime	UK SCA "Blue Book" series	SOP 1770	1.76	Solvent extraction and colorimetric measurement
Sump A	Wastewater/Sewer	Fats, Oils and Greases	discrete	Quarterly	24 hour	100	All values < ELV	31.5	mg/L	yes	Gravimetric analysis	UK SCA "Blue Book" series	SOP 1025	29.23	Solvent extraction and gravimetric analysis
Sump A	Wastewater/Sewer	Temperature	discrete	Quarterly	24 hour	42	No temperature value shall exceed the limit value	15	degrees C	yes	Other (please describe)	APHA / AWWA "Standard Methods"		16.7	Thermometer

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

5 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)

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

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

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

Table W4: Summary of average emissions -continuous monitoring

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

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

Table W5: Abatement system bypass reporting table

Date	Duration (hours)	Location	Resultant emissions	Reason for bypass	Corrective action*	Was a report submitted to the EPA?	When was this report submitted?
						<input type="text" value="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
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)
- 2 How many bunds are on site?
- 3 How many of these bunds have been tested within the required test schedule?
- 4 How many mobile bunds are on site?
- 5 Are the mobile bunds included in the bund test schedule?
- 6 How many of these mobile bunds have been tested within the required test schedule?
- 7 How many sumps on site are included in the integrity test schedule?
- 8 How many of these sumps are integrity tested within the test schedule?
- 9 **Please list any sump integrity failures in table B1**
- 10 Do all sumps and chambers have high level liquid alarms?
- 11 If yes to Q11 are these failsafe systems included in a maintenance and testing programme?
- 12 Is the Fire Water Retention Pond included in your integrity test programme?

Yes	
3 years	
Yes	
2	1 Concrete Diesel and 1 Two Skinned Bund.
1	1/1 due for 2017
7	Installed in 2017
Yes	
7	Installed in 2017 - Certified on installation.
2	Sump A and D
2	Every 5 Years
N/A	Only required for interceptor
N/A	
N/A	

Table B1: Summary details of bund /containment structure integrity test

Bund/Containment structure ID	Type	Specify Other type	Product containment	Actual capacity	Capacity required*	Type of integrity test	Other test type	Test date	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
Diesel	other (please specify)	Two Skinned Bund (Diesel)	Diesel	8933L	5500L (110% containment);1875L (25% Total)	Hydraulic test	Tank,Vent, Suction, off set	05/07/2017	Yes	Pass		SELECT	2020	Passed
Diesel/Green Diesel	reinforced concrete		Diesel	9636L	5500L (110% containment);1875L (25% Total)	Hydraulic test		02/02/2015	Yes	Pass		SELECT	2018	

* 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?

[bundling and storage guidelines](#)

- 16 Are channels/transfer systems to remote containment systems tested?
- 17 Are channels/transfer systems compliant in both integrity and available volume?

Commentary	
Yes	
SELECT	N/A
SELECT	N/A

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

- 1 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 of all underground pipelines (as required under your licence)

Yes	
Other (please specify)	Every 5 years

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

Structure ID	Type system	Material of construction:	Does this structure have Secondary containment?	Type of secondary containment	Type integrity testing	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
Pipe Line Network	Foul	pvc	No	N/A	CCTV	Yes	Fail	Medium open joint identified	Patch Repair	Immediate - Completed	Pass
Sumps A & D	Foul	concrete	No	N/A	Hydraulic	Yes	Pass				

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

Groundwater/Soil monitoring template Lic No: W0045-01 Year 2017

							SELECT			SELECT
							SELECT			SELECT

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

More information on the use of soil and groundwater standards/ generic assessment criteria (GAC) and risk assessment tools is available in the EPA published guidance [Guidance on the Management of Contaminated Land and Groundwater at EPA Licensed Sites \(EPA 2013\)](#). (see the link in G31)

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

[Groundwater regulations](#) [Drinking water \(private supply\) standards](#) [Drinking water \(public supply\) standards](#) [Interim Guideline Values \(IGV\)](#)
[Surface water EQS](#) [GTV's](#)

Groundwater/Soil monitoring template

Lic No:

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Table 3: Soil results

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

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

Environmental Liabilities template

Lic No:

W0045-01

Year

2017

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

Commentary

1	ELRA initial agreement status	Submitted and agreed by EPA	
2	ELRA review status	Review required and completed	
3	Amount of Financial Provision cover required as determined by the latest ELRA	€98,175	Including VAT
4	Financial Provision for ELRA status	Submitted and agreed by EPA	
5	Financial Provision for ELRA - amount of cover	1,000,000	
6	Financial Provision for ELRA - type	Environmental Impairment Liability insurance	
7	Financial provision for ELRA expiry date	09/09/2018	
8	Closure plan initial agreement status	Closure plan submitted and agreed by EPA	
9	Closure plan review status	Review required and completed	
10	Financial Provision for Closure status	Submitted and agreed by EPA	
11	Financial Provision for Closure - amount of cover	€39,485	
12	Financial Provision for Closure - type	bond	
13	Financial provision for Closure expiry date	09/09/2018	

Environmental Management Programme/Continuous Improvement Programme template

Lic No:

W0045-01

Year

2017

Highlighted cells contain dropdown menu click to view

Additional Information

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

Environmental Management Programme (EMP) report

Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
Energy Efficiency/Utility conservation	Harvest rain water to better utilize an energy resource and reduce wastage.	Ongoing	Continual Mointoring	Section Head	Improved Environmental Management Practices
Additional improvements	To raise environmental awareness amongst staff and knowledge of the environmental impacts of their operations	Ongoing	Continual Mointoring	Section Head	Improved Environmental Management Practices
Reduction of emissions to Air	Review Traffic Management plan with a view to creating a better traffic flow.	Ongoing	Review Traffic Management plan with a view to creating a better traffic flow.	Section Head	Reduced emissions
Additional improvements	Going to create green areas throughout the site	Ongoing		Section Head	Improved Environmental Management Practices
Waste reduction/Raw material usage efficiency	By 2018 to have a zero to landfill target achieved	Ongoing	Commencing 2017 to begin a programme diverting from landfill.	Section Head	Improved Environmental Management Practices

Noise monitoring summary report

Lic No: W0045-01

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2017

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

Yes

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 <u>site</u> compliant with noise limits (day/evening/night)?
09/06/2017	13:18:00 (30 Min)	N1	N/A	78.3	68.02	81.98	100	No	N/A	The Dominant contributor to ambient noise levels were identified to be from off site sources (traffic)	Yes
09/06/2017	14:28:00 (30 Min)	N2	N/A	71.29	58.25	75.75	89	No	N/A	The Dominant contributor to ambient noise levels were identified to be from off site sources (traffic)	Yes
09/06/2017	11:14:00 (30 Min)	N3	N/A	58.21	54.59	59.69	78	No	N/A	The Dominant contributor to ambient noise levels were identified to be from off site sources (traffic)	Yes
09/06/2017	11:47:00 (30 Min)	N4	N/A	56.25	53.3	57.64	74	No	N/A	The Dominant contributor to ambient noise levels were identified to be from off site sources (traffic)	Yes

09/06/2017	12:18:00 (30 Min)	N5	N/A	55.69	53.09	57.31	69	No	N/A	The Dominant contributor to ambient noise levels were identified to be from off site sources (traffic)	Yes
09/06/2017	13:50:00 (30 Min)	N6	N/A	77.39	64.09	81.1	100	No	N/A	The Dominant contributor to ambient noise levels were identified to be from off site sources (traffic)	Yes
09/06/2017	15:02:00 (30 Min)	N7	N/A	56.36	49.16	58.16	84	No	N/A	The Dominant contributor to ambient noise levels were identified to be from off site sources (traffic)	Yes
26/10/2017	10:15 (30 Min)	N1	N/A	79	69	83	101	No	N/A	The Dominant contributor to ambient noise levels were identified to be from off site sources (traffic)	Yes
26/10/2017	10:48 (30 Min)	N2	N/A	70	57	75	84	No	N/A	The Dominant contributor to ambient noise levels were identified to be from off site sources (traffic)	Yes
26/10/2017	13:17 (30 Min)	N3	N/A	65	55	67	87	No	N/A	The Dominant contributor to ambient noise levels were identified to be from off site sources (traffic)	Yes
26/10/2017	12:15 (30 min)	N4	N/A	57	52	60	82	No	N/A	The Dominant contributor to ambient noise levels were identified to be from off site sources (traffic)	Yes
26/10/2017	12:46 (30 Min)	N5	N/A	55	50	57	80	No	N/A	The Dominant contributor to ambient noise levels were identified to be from off site sources (traffic)	Yes

26/10/2017	09:44 (30 Min)	N6	N/A	78	65	82	91	No	N/A	The Dominant contributor to ambient noise levels were identified to be from off site sources (traffic)	Yes
26/10/2017	11:21 (30 Min)	N7	N/A	63	46	65	88	No	N/A	The Dominant contributor to ambient noise levels were identified to be from off site sources (traffic)	Yes

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

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

SELECT

** please explain the reason for not taking action/resolution of noise issues?

Any additional comments? (less than 200 words)

Resource Usage/Energy efficiency summary

Lic No:

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Year

2017

Additional information

1 When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below

2 Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI programme linked to the right? If yes please list them in additional information

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

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

Enter date of audit	
SELECT	
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)				
Electricity Consumption (MWHrs)				
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)				
Light Fuel Oil (m3)				
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

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							
Recycled water							
Total							

* 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.

Resource Usage/Energy efficiency summary

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** 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

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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					

WASTE SUMMARY		Lic No:	W0045-01	Year	2017
SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES			PRTR facility logon	dropdown list click to see options	

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

Were any wastes accepted onto your site for recovery or disposal or treatment prior to recovery or disposal within the boundaries of your facility?; (waste generated within your boundaries is to be captured through PRTR reporting)

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

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

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								
300000	15 01 01	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Paper and Cardboard packaging	1440.91	1093.41	32%	General volume increase and conversion from general waste to recycle bins	N/A	R12-Exchange of waste for submission to any of the		Waste Transfer Station
300000	15 01 02	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Plastic packaging	4.54	9.37	-52%		N/A	R12-Exchange of waste for submission to any of the		Waste Transfer Station
300000	15 01 03	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Wooden packaging	42.4	254.73	-83%	Loss of customer.	N/A	R12-Exchange of waste for submission to any of the		Waste Transfer Station
300000	16 02 14	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	WEEE	0.96	2.56	-63%		N/A	R12-Exchange of waste for submission to any of the		Waste Transfer Station
300000	17 05 04	17- CONSTRUCTION AND DEMOLITION WASTES	Soil and stones other than those mentioned in	3.5	70.54	-95%		N/A	R12-Exchange of waste for submission to any of the		Waste Transfer Station
300000	19 12 02	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL,	Ferrous Metal	2.5	2.4	4%	Increase in customers converted from	N/A	R12-Exchange of waste for submission to any of the		Waste Transfer Station
300000	20 01 08	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL,	Biodegradable Kitchen and Canteen waste	10025.5	599.13	1573%		N/A	R12-Exchange of waste for submission to any of the		Waste Transfer Station
300000	20 01 21	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND	Fluorescent and Led Lamps	0.08	0	0%		N/A	R12-Exchange of waste for submission to any of the		Waste Transfer Station
300000	20 01 35	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND	WEEE	5.86	0	0%		N/A	R12-Exchange of waste for submission to any of the		Waste Transfer Station
300000	20 03 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Mixed Municipal Waste	103.88	2538.91	-96%	Waste diverted to third party sites - including Dublin to Energy.	N/A	D13- Blending or mixing prior to submission to any		Waste Transfer Station

WASTE SUMMARY

Lic No:

W0045-01

Year

2017

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

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

Table 5 Capping-Landfill only

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

*please note this includes daily cover area

Table 6 Leachate-Landfill only

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

SELECT

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

SELECT

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

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

Table 7 Landfill Gas-Landfill only

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



[Guidance to completing the PRTR workbook](#)

PRTR Returns Workbook

Version 1.1.19

REFERENCE YEAR	2017
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1. FACILITY IDENTIFICATION

Parent Company Name	Key Waste Management Limited
Facility Name	Key Waste Management Limited
PRTR Identification Number	W0045
Licence Number	W0045-01

Classes of Activity

No.	class_name
-	Refer to PRTR class activities below

Address 1	Greenview
Address 2	Greenhills Rd.
Address 3	Walkinstown
Address 4	Dublin 12
	Dublin
Country	Ireland
Coordinates of Location	-6.34124 53.3129
River Basin District	IEEA
NACE Code	3821
Main Economic Activity	Treatment and disposal of non-hazardous waste
AER Returns Contact Name	Brona Dunne
AER Returns Contact Email Address	brona.dunne@keywaste.ie
AER Returns Contact Position	Compliance Coordinator
AER Returns Contact Telephone Number	(01) 408 0843
AER Returns Contact Mobile Phone Number	0860736810
AER Returns Contact Fax Number	

Production Volume	0.0
Production Volume Units	0
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	100
User Feedback/Comments	
Web Address	www.keywaste.ie

2. PRTR CLASS ACTIVITIES

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

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

Is it applicable?	
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# : W0045 | Facility Name : Key Waste Management Limited | Filename : AER 2017.xls | Return Year : 2017 |

04/04/2018 16:13

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	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

POLLUTANT		METHOD			Please enter all quantities in this section in KGs			
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)

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	Emission Point 2	Emission Point 3	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
210	Dust	M	ALT	Bergerhoff Method	0.101	0.046	0.049	0.196	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: [Key Waste Management Limited](#)

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)	0.0				N/A
Methane flared	0.0				0.0 (Total Flaring Capacity)
Methane utilised in engine/s	0.0				0.0 (Total Utilising Capacity)
Net methane emission (as reported in Section A above)	0.0				N/A

4.2 RELEASES TO WATERS

[Link to previous years emissions data](#)

| PRTR# : W0045 | Facility Name : Key Waste Management Limited | Filename : AER 2017.xls | Return Year : 2017 |

04/04/2018 16:13

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

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

SECTION A : PRTR POLLUTANTS

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

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

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

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs			
POLLUTANT			METHOD		QUANTITY			
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
303	BOD	M	ALT	5 Day BOD test	1296.18	1296.18	0.0	0.0
306	COD	M	OTH	Blue Book Series	1723.76	1723.76	0.0	0.0
238	Ammonia (as N)	M	OTH	Blue Book Series	47.47	47.47	0.0	0.0
240	Suspended Solids	M	OTH	Blue Book Series	177.25	177.25	0.0	0.0
343	Sulphate	M	OTH	Blue Book Series	81.43	81.43	0.0	0.0
308	Detergents (as MBAS)	M	OTH	Blue Book Series	1.76	1.76	0.0	0.0
314	Fats, Oils and Greases	M	OTH	Blue Book Series	29.23	29.23	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#: W0045 | Facility Name : Key Waste Management Limited | Filename : AER 2017.xls | Return Year : 2017 |

04/04/2018 16:13

SECTION A : PRTR POLLUTANTS

POLLUTANT		METHOD			Please enter all quantities in this section in KGs		
RELEASERS TO LAND		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
					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			Please enter all quantities in this section in KGs		
RELEASERS TO LAND		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
					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#: W0045 | Facility Name : Key Waste Management Limited | Filename : AER 2017.xls | Return Year : 2017 |

04/04/2018 16:13

Please enter all quantities on this sheet in Tonnes

0

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility	Non	Haz Waste : Address of Next Destination Facility	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						Haz Waste: Name and Licence/Permit No of Recover/Disposer	Non Haz Waste: Address of Recover/Disposer						
						M/C/E	Method Used						
Within the Country	15 01 01	No	157.74	paper and cardboard packaging	R12	M	Weighed	Offsite in Ireland	Thorntons Recycling ,WFP-DC-10-0021-01		Henry Road,Unit 51,Park West Business Park,Dublin 12,Ireland		
Within the Country	15 01 01	No	1418.04	paper and cardboard packaging	R12	M	Weighed	Offsite in Ireland	Irish Packaging Recycling Ltd,W0263-01		Ballymount Road,Irish Packaging Recycling Ltd,Walkinstown,D12,Ireland		
Within the Country	15 01 01	No	2.88	paper and cardboard packaging	R12	M	Weighed	Offsite in Ireland	Pulp Recycling Ltd,WFP-DS-12-0001-03		Unit 3 Riverside,Whitestown Business Park,Tallaght,Co. Dublin,Ireland		
Within the Country	15 01 02	No	21.66	plastic packaging	R12	M	Weighed	Offsite in Ireland	Leinster Environmental,WP 2008/06		16,Francis Street,Dundalk,Co. Louth,Ireland		
Within the Country	15 01 03	No	21.92	wooden packaging	R12	M	Weighed	Offsite in Ireland	CJ Cheeran Limited,P0337-01		Shannon St.,Mountrath,Co. Laois,Ireland		
Within the Country	16 02 14	No	28.54	discarded equipment other than those mentioned in 16 02 09 to 16 02 13	R12	M	Weighed	Offsite in Ireland	Rehab Enterprises Ltd T/A Rehab Recycle Ballymount,WFP-DS-11-0008-03		Ballymount Avenue,Ballymount,Dublin,1 2,Ireland		
Within the Country	17 01 01	No	817.64	concrete	R12	M	Weighed	Offsite in Ireland	Ecological,WFP-LH-09-0004-02		Lower,Dundalk,Co. Louth,Ireland		
Within the Country	17 02 01	No	394.62	wood	R12	M	Weighed	Offsite in Ireland	OCR Waste Management,WFP-RN-10-0001-01		Office 2,Roxborough,Roscommon, Co. Roscommon,Ireland		
To Other Countries	17 02 01	No	1628.08	wood	R12	M	Weighed	Abroad	Mckinstry Belfast ,LN/16/16		Antrim,United Kingdom		
Within the Country	17 05 04	No	2109.38	soil and stones other than those mentioned in 17 05 03	R12	M	Weighed	Offsite in Ireland	D. Fitzsimons and Daughters,WFP-MH-10-0004-01		Harristown,Navan,Meath,Co. Meath,Ireland		
Within the Country	19 12 02	No	89.76	ferrous metal	R12	M	Weighed	Offsite in Ireland	Multimetals Recycling Ltd,WFP-WW-09-0014-01		Murrough Industrial Estate,,Bollanney,Wicklow,Ireland		
Within the Country	19 12 02	No	129.48	ferrous metal	R12	M	Weighed	Offsite in Ireland	St. Margarets Recycling Ltd,WFP-FG-13-0002-01		Sandyhill St.,Sandyhill,St. Margarets,Co. Dublin,Ireland		
Within the Country	19 12 04	No	9.5	plastic and rubber	R12	M	Weighed	Offsite in Ireland	Bailey waste Recycling,LN/10/62		Rd.,Ballycoolen,Dublin 11,Ireland		
Within the Country	20 01 02	No	1.78	glass	R12	M	Weighed	Offsite in Ireland	Rehab Enterprises Ltd T/A Rehab Recycle Ballymount,WFP-DS-11-0008-03		Ballymount Avenue,Ballymount,Dublin,1 2,Ireland		
To Other Countries	20 01 08	No	10011.68	biodegradable kitchen and canteen waste	R12	M	Weighed	Abroad	Granville Ecopark Ltd,P0413/12A		Granville Industrial Estate,,Dungannon,Co. Tyrone,United Kingdom		
Within the Country	20 01 21	Yes	0.1	fluorescent tubes and other mercury-containing waste	R4	M	Weighed	Offsite in Ireland	Irish Lamp Recycling Ltd,WFP-KE-14-0072-01		Woodstock Industrial Estate,,Athy,Co. Kildare,Ireland	Irish Lamp Recycling,WFP-KE-14-0072-01,Woodstock Industrial Estate,,Athy,Co. Kildare,Ireland	Woodstock Industrial Estate,,Athy,Co. Kildare,Ireland

Within the Country	20 01 39	No	6.08 plastics	R12	M	Weighed	Offsite in Ireland	Leinster Environmental,WP 2008/06	16,Francis Street,Dundalk,Co. Louth,Ireland
Within the Country	20 01 39	No	10.22 plastics	R12	M	Weighed	Offsite in Ireland	Cloughwater Plastics Ireland Limited,WFP-FG-08-0002-04	Rosemount Business Park,Ballycoolin Rd,Blanchardstown,Dublin 11,Ireland
Within the Country	20 03 01	No	7.7 mixed municipal waste	D13	M	Weighed	Offsite in Ireland	Bord na Móna,W0201-02	Management Facility,Main Street,Newbridge,Co. Kildare,Ireland
Within the Country	20 03 01	No	7.22 mixed municipal waste	D13	M	Weighed	Offsite in Ireland	Dublin Waste to Energy Limited,W0232-01	Pigeon House Road,Poolbeg Peninsula,Dublin,4,Ireland
Within the Country	20 03 01	No	155.1 mixed municipal waste	D13	M	Weighed	Offsite in Ireland	Veolia Environmental Services,W0039-02	Ballymount Cross,,Tallaght,Dublin 24,Ireland
Within the Country	20 03 01	No	2677.1 DMR	D13	M	Weighed	Offsite in Ireland	ORC - KWD Forge Hill,W0173-1	Forge Hill,,Kinsale Road,Cork,Ireland
Within the Country	20 03 07	No	688.58 bulky waste	R12	M	Weighed	Offsite in Ireland	Dublin Waste to Energy Limited,W0232-01	Pigeon House Road,Poolbeg Peninsula,Dublin,4,Ireland
Within the Country	20 03 07	No	2397.12 bulky waste	R12	M	Weighed	Offsite in Ireland	Bord Na Mona Plc,W0201-03	Drehid Waste Facility,,Carbury,Co. Kildare,Ireland
Within the Country	20 03 07	No	21.82 bulky waste	R12	M	Weighed	Offsite in Ireland	Greyhound Recycling and Recovery,W0205-01	Crag Avenue,Clondalkin Industrial Estate,Dublin,Dublin 22,Ireland
Within the Country	20 03 07	No	4.26 bulky waste	R12	M	Weighed	Offsite in Ireland	Veolia Environmental Services,W0039-02	Ballymount Cross,,Tallaght,Dublin 24,Ireland
Within the Country	13 05 07	Yes	15.34 oily water from oil/water separators	R12	M	Weighed	Offsite in Ireland	Rilita Environmental Limited,W0192-03	Grant's Drive,Block 402 ,Greenogue Business Park,Rathcoole Co. Dublin,Ireland
Within the Country	16 06 01	Yes	2.04 lead batteries	R12	M	Weighed	Offsite in Ireland	St. Margarets Recycling Ltd,WFP-FG-13-0002-01	Sandyhill St.,Sandyhill,St. Margarets,Co. Dublin,Ireland
To Other Countries	17 09 04	No	5462.98 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R12	M	Weighed	Abroad	Mckinstry Biomass Ltd,LN/13/45	Carrbane Business Park Derryboy Road,Unit 2,Newry,Armagh,United Kingdom
Within the Country	17 09 04	No	24.32 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R12	M	Weighed	Offsite in Ireland	Bord Na Mona Plc,W0201-03	Drehid Waste Facility,,Carbury,Co. Kildare,Ireland
Within the Country	17 09 04	No	95.02 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R12	M	Weighed	Offsite in Ireland	Thorntons Recycling ,WFP-DC-10-0021-01	Henry Road,Unit 51,Park West Business Park,Dublin 12,Ireland
Within the Country	17 09 04	No	372.54 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R12	M	Weighed	Offsite in Ireland	SEAN KINSELLA,WFP-WX-15-0081-04	Ballybanogue,,Gorey,Co. Wexford,Ireland
Within the Country	20 01 35	Yes	12.34 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	Rehab Enterprises Ltd T/A Rehab Recycle Ballymount,WFP-DS-11-0008-03	Ballymount Avenue,Ballymount,Dublin,12,Ireland
Within the Country	16 05 05	No	0.82 gases in pressure containers other than those mentioned in 16 05 04	R12	M	Weighed	Offsite in Ireland	Calor Gas Ireland ,Calor Gas Ireland	Long Mile Rd,,Drimnagh,Dublin 12,Ireland
Within the Country	16 05 05	No	0.28 gases in pressure containers other than those mentioned in 16 05 04	R12	M	Weighed	Offsite in Ireland	BOC,BOC	Bluebell Industrial Estate,,Drimnagh,Dublin 12,Ireland
Within the Country	20 03 07	No	1914.8 bulky waste	R12	M	Weighed	Offsite in Ireland	Thorntons Waste Disposal Ltd,W0044-02	Killeen Road,,Ballyfermot,Dublin 10,Ireland

Within the Country	20 03 07	No	17.76 bulky waste	R12	M	Weighed	Offsite in Ireland	Wilton Waste Recycling Limited,WFP-CN-15-0003-01	Crosserlough ,....Co Cavan,Ireland
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* 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](#)