

Facility Information Summary

AER Reporting Year	2014 (Nov 7th to end)
Licence Register Number	W0045-01
Name of site	KeyWaste Management Limited
Site Location	Greenview, Greenhills Road, Walkinstown, D12
NACE Code	3811, 3812
Class/Classes of Activity	Collection (& transfer) of non-hazardous and hazardous waste
National Grid Reference (6E, 6 N)	(310577.889, 230453.425)

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.**


As the licence only became active at the end of 2014, the only data submitted to date has been sewer and dust monitoring for Q4 2014. The results of this monitoring indicates the site is functioning well, with all measured parameters significantly below the specified 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.

There have been no infrastructural changes on site, however there is a plan in place to move the office portacabins, truck storage and maintenance areas to an adjacent site. These changes do not fall under Schedule D, 'Specified Engineering Works', 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.

 Lisa Egan Compliance Coordinator (or nominated, suitably qualified and experienced deputy)	24/03/2015 Date
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AIR-summary template	Lic No: W0045-01	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	
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 thereof	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence limit	Method of analysis	Annual mass load (kg)	Comments - reason for change in % mass load from previous year if applicable
D1	Total Particulates	Quarterly	350	Monthly average < ELV	79	mg/m ² /day	yes	Bergerhoff	0.0288	n/a
D3	Total Particulates	Quarterly	350	Monthly average < ELV	13	mg/m ² /day	yes	Bergerhoff	0.0047	n/a
D4	Total Particulates	Quarterly	350	Monthly average < ELV	97	mg/m ² /day	yes	Bergerhoff	0.0354	n/a

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

AIR-summary template	Lic No: W0045-01	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	SELECT	
6	Do you have a proactive service agreement for each piece of continuous monitoring equipment?	SELECT	
7	Did your site experience any abatement system bypasses? If yes please detail them in table A3 below	SELECT	

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	SELECT					
	SELECT			SELECT	SELECT					

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

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

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

* this should include all dates that an abatement system bypass occurred

** an accurate record of time bypass beginning and end should be logged on site and maintained for future Agency inspections please refer to bypass protocol link

Solvent use and management on site

8 Do you have a total Emission Limit Value of direct and fugitive emissions on site? if yes please fill out tables A4 and A5

No

Table A4: Solvent Management Plan Summary	Please refer to linked solvent regulations to complete table 5 and 6
Total VOC Emission limit value	Solvent regulations

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								

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

Yes	Additional information
Emission to sewer	

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

No	
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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
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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	Additional information
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Table W3: Licensed Emissions to water and /or wastewater (sewer)-periodic monitoring (non-continuous)

Emission reference no:	Emission released to	Parameter/ SubstanceNote 1	Type of sample	Frequency of monitoring	Averaging period	ELV or trigger values in licence or any revision thereof ^{Note 2}	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Method of analysis	Procedural reference source	Procedural reference standard number	Annual mass load (kg)	Comments
Sump A	Wastewater/Sewer	BOD	discrete	Quarterly	24 hour	2500	All values < ELV	20	mg/L	yes	Other (please describe)	UK SCA "Blue Book" series	SOP 1090	0.0073	5 day incubation at 20°C
Sump A	Wastewater/Sewer	COD	discrete	Quarterly	24 hour	7500	All values < ELV	26	mg/L	yes	Other (please describe)	UK SCA "Blue Book" series	SOP 1100	0.0095	Dichromate oxidation, colorimetry
Sump A	Wastewater/Sewer	Ammonia (as N)	discrete	Quarterly	24 hour	100	All values < ELV	0.22	mg/L	yes	Other (please describe)	UK SCA "Blue Book" series	SOP 1220	0.00008	Automated colorimetric with Aquakem 600
Sump A	Wastewater/Sewer	Suspended Solids	discrete	Quarterly	24 hour	1000	All values < ELV	13	mg/L	yes	Other (please describe)	UK SCA "Blue Book" series	SOP 1030	0.0047	Glass fiber filter with measurement of residue after dried at 105°C
Sump A	Wastewater/Sewer	Sulphate	discrete	Quarterly	24 hour	500	All values < ELV	12	mg/L	yes	Other (please describe)	UK SCA "Blue Book" series	SOP 1220	0.0044	Automated colorimetric with Aquakem 600
Sump A	Wastewater/Sewer	pH	discrete	Quarterly	24 hour	6-10	No pH value shall deviate from the specified range.	8	pH units	yes	pH Meter (Electrode)	UK SCA "Blue Book" series	SOP 1010	n/a	
Sump A	Wastewater/Sewer	Temperature	discrete	Quarterly	24 hour	42	No temperature value shall exceed the limit value.	13	degrees C	yes	Other (please describe)	APHA / AWWA "Standard Methods"		n/a	Thermometer
Sump A	Wastewater/Sewer	Detergents (as MBAS)	discrete	Quarterly	24 hour	100	All values < ELV	<0.020	mg/L	yes	Spectrophotometry (Colorimetry)	UK SCA "Blue Book" series	SOP 1770	<0.000007	Solvent extraction and colorimetric measurement
Sump A	Wastewater/Sewer	Fats, Oils and Greases	discrete	Quarterly	24 hour	100	All values < ELV	<10	mg/L	yes	Gravimetric analysis	UK SCA "Blue Book" series	SOP 1025	<0.0037	Solvent extraction and gravimetric analysis

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? Additional Information

No	
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If yes please summarise your continuous monitoring data below in Table W4 and compare it to its relevant Emission Limit Value (ELV)

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

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

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

SELECT	
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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	Number of ELV exceedences in reporting year	Comments
	SELECT	SELECT		SELECT	SELECT	SELECT					
	SELECT	SELECT		SELECT	SELECT	SELECT					

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

Table W5: Abatement system bypass reporting table

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

*Measures taken or proposed to reduce or limit bypass frequency

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
- 2 Please provide integrity testing frequency period
Does the site maintain a register of bunds, underground pipelines (including stormwater and foul), Tanks, sumps and containers? (containers refers to "Chemstore")
- 3 type units and mobile bunds
- 4 How many bunds are on site?
- 5 How many of these bunds have been tested within the required test schedule?
- 6 How many mobile bunds are on site?
- 7 Are the mobile bunds included in the bund test schedule?
- 8 How many of these mobile bunds have been tested within the required test schedule?
- 9 How many sumps on site are included in the integrity test schedule?
- 10 How many of these sumps are integrity tested within the test schedule?
Please list any sump integrity failures in table B1
- 11 Do all sumps and chambers have high level liquid alarms?
- 12 If yes to Q11 are these failsafe systems included in a maintenance and testing programme?
- 13 Is the Fire Water Retention Pond included in your integrity test programme?

Yes	Fuel (1)
3 years	
Yes	
3	2 Chemical, 1 Fuel
3	
2	Chemical bunds
No	Not specified in licence (tested anyway)
2	
2	Sumps 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 Bund (T)	reinforced concrete		Diesel	9636 L	5500L (110% containment); 1875L (25% total)	Hydraulic test		30/01/2015	Yes	Pass		SELECT		
Chemical Bund 1	other (please specify)	Steel skip (rain holes welded shut)	Chemical (engine oil etc)	2360L	1100L (110% containment); 525L (25% total)	Hydraulic test		09/03/2015	Yes	Pass				
Chemical Bund 2	other (please specify)	Steel skip (rain holes welded shut)	Chemical (engine oil etc)	2360L	225.5L (110% containment); 410L (25% total)	Hydraulic test		16/03/2015	Yes	Pass		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?

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

[bunding and storage guidelines](#)

Yes	
	n/a
	n/a

Commentary

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 for process and foul 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 Network	Foul	pvc	No	n/a	CCTV	Yes	Fail	Medium open joint identified	Patch repair	Immediate - Completed	Pass
Sumps A and 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	2014
<p>*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.</p>		<p>Groundwater monitoring template</p>			
<p>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)</p>		<p>Guidance on the Management of Contaminated Land and Groundwater at EPA Licensed Sites (EPA 2013)</p>			
<p>**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)</p>		<p> Groundwater Drinking water Surface regulations (private supply) Drinking water (public Interim Guideline water EQS GTV's standards supply) standards Values (IGV) </p>			

Groundwater/Soil monitoring template	Lic No: W0045-01	Year: 2014
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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	2014
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[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		
3	Amount of Financial Provision cover required as determined by the latest ELRA	€53,575	Estimated 'Most likely scenario'
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	08/09/2015	
8	Closure plan initial agreement status	Closure plan submitted and agreed by EPA	
9	Closure plan review status	Review required and completed	
10	Financial Provision for Closure status	Submitted and agreed by EPA	
11	Financial Provision for Closure - amount of cover	€141,400	€25,000 of which was added (in agreement with the EPA) as the integrity of the underground pipes and sumps was not assessed. This has now been rectified.
12	Financial Provision for Closure - type	bond	
13	Financial provision for Closure expiry date	Enter expiry date	

Environmental Management Programme/Continuous Improvement Programme template	Lic No:	W0045-01	Year	2014
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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 Our EMS contains supporting documentation and also comprises the EMP. It provides information on the design and operation of the facility and presents details of the operator, the waste types and volumes accepted for disposal & recovery, capacity, operational controls including surface water management and the environmental monitoring programme. It sets out management and reporting structure and also contains a schedule of objectives and targets.
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
Additional improvements	Continually review and assess all nuisance control procedures to ensure minimal impact on surroundings	Ongoing	Continual monitoring	Section Head	Improved Environmental Management Practices
Additional improvements	Ensure yard is cleaned at the end of each working day	Ongoing	Continual monitoring	Section Head	Improved Environmental Management Practices
Additional improvements	Complete vermin control plan	Ongoing	Orkin Pest control have regulary scheduled visits to ensure vermin do not become a problem	Section Head	Improved Environmental Management Practices
Reduction of emissions to Air	Installation of water sprinklers in waste handling area	Complete	Installed	Section Head	Installation of infrastructure
Reduction of emissions to Air	Complete dust monitoring and control plan	Complete	Dust suppression sprinkler system installed	Section Head	Reduced emissions
Noise reduction	Complete Noise Minimisation Plan	Complete	Site evaluation through daily noise assessment resulted in the generation of a noise minimisation plan. Golder also carried out noise monitoring.	Section Head	Reduced emissions

Environmental Management Programme/Continuous Improvement Programme template				Lic No:	W0045-01	Year	2014
Reduction of emissions to Air	Installation of dust monitoring points around the facility	Complete	Permanent structures installed in order to facilitate dust monitoring using the Bergerhoff method.	Section Head		Improved Environmental Management Practices	
Reduction of emissions to Water	Completion of a fire water risk assessment	Complete		Section Head		Improved Environmental Management Practices	
Reduction of emissions to Water	Ensure gullies are maintained and regularly cleaned	Ongoing	Daily monitoring	Section Head		Reduced emissions	
Reduction of emissions to Water	Ensure that levels in trade effluent tanks are maintained at an appropriate height	Ongoing	Regular monitoring	Section Head		Improved Environmental Management Practices	
Energy Efficiency/Utility conservation	Assess and review resources and energy consumption at the facility.	Ongoing	Carry out an energy audit	Section Head		Reduced emissions	
Additional improvements	Maintain EMS documentation at the facility	Ongoing	Regular maintenance and update of EMS where necessary	Section Head		Improved Environmental Management Practices	
Additional improvements	Assess waste acceptance procedure to minimise volume of erratics	Ongoing	Communicate with customers about unacceptable items	Section Head		Improved Environmental Management Practices	
Additional improvements	Identify training requirements and implement a training programme	Ongoing	Programme implemented and training matrix maintained for all staff	Section Head		Improved Environmental Management Practices	
Additional improvements	Waste management - weighbridge	Mar-15	Weighbridge calibrated and certified, new software installed	Section Head		Improved Environmental Management Practices	
Additional improvements	Compliance with the waste licence	Ongoing	Continue to maintain the appropriate records at the facility in accordance with condition 3 of waste licence	Section Head		Increased compliance with licence conditions	
Waste reduction/Raw material usage efficiency	Rainwater harvesting	Ongoing	Rainwater is collected from the flat roof of sheds and used on yard for cleaning etc	Section Head		Improved Environmental Management Practices	

Noise monitoring summary report

Lic No: W0045-01

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 "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?

03/02/2015

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	LAF _{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)?
27/02/2015	13.35 (30 min)	N1	N/A	78.7	68.2	82.3	93.4	No	n/a	The dominant contributors to ambient noise levels were identified to be from off-site sources (traffic, adjacent facilities, birdsong).	Yes
27/02/2015	12.26 (30 min)	N2	N/A	66.2	52.7	69.9	85.6	No	n/a	The dominant contributors to ambient noise levels were identified to be from off-site sources (traffic).	Yes
27/02/2015	11.08 (30 min)	N3	N/A	62.3	53.6	59.9	94.1	No	n/a	The dominant contributors to ambient noise levels were identified to be from off-site sources (traffic and work in adjacent facilities)	Yes

27/02/2015	10.32 (30 min)	N4	N/A	59.9	57.8	61.2	75.2	No	n/a	The dominant contributors to ambient noise levels were identified to be from off-site sources (traffic).	Yes
27/02/2015	09.58 (30 min)	N5	N/A	62.6	59.1	64.6	73.2	No	n/a	The dominant contributors to ambient noise levels were identified to be from off-site sources (traffic).	Yes
27/02/2015	13.01 (30 min)	N6	N/A	75.1	64.5	78.5	86.2	No	n/a	The dominant contributors to ambient noise levels were identified to be from off-site sources (traffic, adjacent facilities, birdsong).	Yes
27/02/2015	11.50 (30 min)	N7	N/A	63.2	52.2	65.1	83.7	No	n/a	The dominant contributors to ambient noise levels were identified to be from off-site sources (traffic and work within other facilities).	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?

		Additional information
1	When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below	Enter date of audit
2	Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI programme linked to the right? If yes please list them in additional information	
3	Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information	

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

Water use	Water extracted Previous year m3/yr.	Water extracted Current year m3/yr.	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*	Water Emissions	Water Consumption	Unaccounted for Water:
					Volume Discharged back to environment(m ³ /yr):	Volume used i.e not discharged to environment e.g. released as steam m3/yr	
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.
 ** where site production information is available please enter percentage increase or decrease compared to previous year

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

Resource Usage/Energy efficiency summary	Lic No: W0045-01	Year	2014
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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: 2014
SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES	PRTR facility login	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)

No	
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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

No	
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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	
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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 -
300000	15 01 01	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	European Waste Catalogue EWC codes Paper and cardboard packaging	108.8	n/a	n/a	n/a	100%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0	Licence was activated on the 7th Nov 2014. Reporting for remainder of year
300000	15 01 02	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Plastic packaging	1.8	n/a	n/a	n/a	100%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0	Waste Transfer Station
300000	15 01 03	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Wooden packaging	76.5	n/a	n/a	n/a	100%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0	Waste Transfer Station

WASTE SUMMARY		Lic No:		W0045-01		Year		2014		
300000	15 01 06	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Mixed Packaging	26.1	n/a	n/a	n/a	100%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	Waste Transfer Station
300000	17 01 07	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06	14.5	n/a	n/a	n/a	0%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	Waste Transfer Station
300000	17 09 04	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Other C&D wastes	334.5	n/a	n/a	n/a	0%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	Waste Transfer Station
300000	19 12 02	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	Ferrous metal	9942.4	n/a	n/a	n/a	0%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	Waste Transfer Station

WASTE SUMMARY		Lic No:		W0045-01		Year		2014			
300000	19 12 07	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	wood other than that mentioned in 19 12 06	75.8	n/a	n/a	n/a	0%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0	Waste Transfer Station
300000	20 01 08	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Biodegradeable kitchen and canteen waste	147.4	n/a	n/a	n/a	0%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0	Waste Transfer Station
300000	20 01 99	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Other fractions not otherwise specified	58.7	n/a	n/a	n/a	0%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0	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	68.5	n/a	n/a	n/a	0%	D13- Blending or mixing prior to submission to any of the operations numbered D1 to D12	0	Waste Transfer Station

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	Waste Transfer Station
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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	
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6 Does your facility have relevant nuisance controls in place?

Yes	Orkin Pest Control Services
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7 Do you have an odour management system in place for your facility? If no why?

Yes	As per EPA guidelines
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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

WASTE SUMMARY	Lic No:	W0045-01	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

-> 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	



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[Guidance to completing the PRTR workbook](#)

AER Returns Workbook

Version 1.1.18

REFERENCE YEAR	2014
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1. FACILITY IDENTIFICATION

Parent Company Name	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	Lisa Egan
AER Returns Contact Email Address	lisa.egan@keywaste.ie
AER Returns Contact Position	Compliance Co-ordinator
AER Returns Contact Telephone Number	(01)429 9846

AER Returns Contact Mobile Phone Number	0872288761
AER Returns Contact Fax Number	n/a
Production Volume	0.0
Production Volume Units	
Number of Installations	1
Number of Operating Hours in Year	0
Number of Employees	55
User Feedback/Comments	In relation to Q4, we process some waste types on site (we sort C&D, C&I and recyclables; and we chip wood).
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?	no
Have you been granted an exemption ?	
If applicable which activity class applies (as per Schedule 2 of the regulations) ?	
Is the reduction scheme compliance route being used ?	

4. WASTE IMPORTED/ACCEPTED ONTO SITE
[Guidance on waste imported/accepted onto site](#)

Do you import/accept waste onto your site for on-site treatment (either recovery or disposal activities) ?	Yes
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This question is only applicable if you are an IPPC or Quarry site

4.1 RELEASES TO AIR

[Link to previous years emissions data](#)

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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
					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	Dust 1	Dust 3	Dust 4	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
210	Dust	M	ALT	Bergerhoff Method	0.000079	0.000013	0.000097	0.000189	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	Key Waste Management Limited				
	T (Total) kg/Year	M/C/E	Method Code	Designation or Description	Facility Total Capacity m3 per hour
Total estimated methane generation (as per site model)	0.0				N/A
Methane flared	0.0				0.0 (Total Flaring Capacity)
Methane utilised in engine/s	0.0				0.0 (Total Utilising Capacity)
Net methane emission (as reported in Section A above)	0.0				N/A

4.2 RELEASES TO WATERS

[Link to previous years emissions data](#)

| PRTR# : W0045 | Facility Name : Key Waste Management Limited | Filename : W0045_2014.xls | Return Year : 2014 |

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SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

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

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

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

SECTION B : REMAINING PRTR POLLUTANTS

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

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

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

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

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

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4.3 RELEASES TO WASTEWATER OR SEWER

[Link to previous years emissions data](#)

| PRTR# : W0045 | Facility Name : Key Waste Management Limited | Filename : W0045_2014.xls | Re 05/05/2015 12:33

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	Sump A Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
303	BOD	M	ALT	5 Day BOD Test	0.00002	0.00002	0.0	0.0
306	COD	M	OTH	Blue Book Series	0.000026	0.000026	0.0	0.0
238	Ammonia (as N)	M	OTH	Blue Book Series	0.00000022	0.00000022	0.0	0.0
240	Suspended Solids	M	OTH	Blue Book Series	0.000013	0.000013	0.0	0.0
343	Sulphate	M	OTH	Blue Book Series	0.000012	0.000012	0.0	0.0
308	Detergents (as MBAS)	M	OTH	Blue Book Series	0.00000002	0.00000002	0.0	0.0
314	Fats, Oils and Greases	M	OTH	Blue Book Series	0.00001	0.00001	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](#)

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SECTION A : PRTR POLLUTANTS

RELEASES TO LAND				Please enter all quantities in this section in KGs			
POLLUTANT		METHOD		QUANTITY			
No. Annex II	Name	M/C/E	Method Used 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)

RELEASES TO LAND				Please enter all quantities in this section in KGs			
POLLUTANT		METHOD		QUANTITY			
Pollutant No.	Name	M/C/E	Method Used 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 : W0045_2014.xls | Return Year : 2014 |

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Please enter all quantities on this sheet in Tonnes

3

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	M/C/E	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			
Within the Country	15 01 01	No	108.8	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 02	No	1.8	plastic 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 03	No	31.4	wooden packaging	R12	M	Weighed	Offsite in Ireland	Callan Recycling Ltd,WFP-KE-09-0355-01		Drennanstown,,Rathangan, County Kildare,Ireland		
Within the Country	15 01 03	No	45.1	wooden packaging	R12	M	Weighed	Offsite in Ireland	Clonmel Waste Disposal,WFP-TS-11-0001-01		...,Lawlesstown,County Tipperary,Ireland		
Within the Country	15 01 06	No	26.1	mixed 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	17 01 07	No	14.5	mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06	R12	M	Weighed	Offsite in Ireland	Callan Recycling Ltd,WFP-KE-09-0355-01		Drennanstown,,Rathangan, County Kildare,Ireland		
Within the Country	17 09 04	No	334.5	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	Callan Recycling Ltd,WFP-KE-09-0355-01		Drennanstown,,Rathangan, County Kildare,Ireland		
Within the Country	19 12 02	No	9.9	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 07	No	75.8	wood other than that mentioned in 19 12 06	R12	M	Weighed	Offsite in Ireland	Clonmel Waste Disposal,WFP-TS-11-0001-01		...,Lawlesstown,County Tipperary,Ireland		
Within the Country	20 01 08	No	147.4	biodegradable kitchen and canteen waste	R12	M	Weighed	Offsite in Ireland	Granville Ecopark Ltd,P0413/12A		Granville Industrial Estate,,Dungannon,Co. Tyrone,Ireland		
Within the Country	20 01 99	No	50.4	other fractions not otherwise specified	R12	M	Weighed	Offsite in Ireland	Irish Packaging Recycling Ltd,W0263-01		Ballymount Road,Irish Packaging Recycling Ltd,Walkinstown,D12,Ireland		
Within the Country	20 01 99	No	8.3	other fractions not otherwise specified	R12	M	Weighed	Offsite in Ireland	Thorntons Waste Disposal Ltd,W0044-02		Killeen Road,,Ballyfermot,Dublin 10,Ireland		
Within the Country	20 03 01	No	43.8	mixed municipal waste	D10	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 01	No	24.7	mixed municipal waste	D10	M	Weighed	Offsite in Ireland	Oxigen Environmental Ltd,W0152-03		Robinhood Road,Robinhood Industrial Estate,Ballymount,Dublin 22,Ireland		

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

			Quantity (Tonnes per Year)			Method Used			Haz Waste : Name and Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
Transfer Destination	European Waste Code	Hazardous		Description of Waste	Waste Treatment Operation	M/C/E	Method Used	Location of Treatment				

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