

Facility Information Summary	
AER Reporting Year	2015
Licence Register Number	W0014
Name of site	Silliot Hill IWMF
Site Location	Kilcullen, Co. Kildare
NACE Code	
Class/Classes of Activity	Third Schedule WMA: Class 4, 6, 7, 11, 12, 13. Fourth Schedule: Class 2, 3, 4, 9, 10, 11, 13.
National Grid Reference (6E, 6 N)	
A description of the activities/processes at the site for the reporting year. This should include information such as production increases or decreases on site, any infrastructural changes, environmental performance which was measured during the reporting year and an overview of compliance with your licence listing all exceedances of licence limits (where applicable) and what they relate to e.g. air, water, noise.	<p>The site comprises a WTS, Civic Amenity Site and a closed Landfill. The In-Vessel Composting Facility and the Sludge Treatment Facility have not been in operation for several years. Oxigen Environmental has been responsible for the operation of the WTS and the Civic Amenity Site since the 8th December 2011, following the awarding of a concession contract. Kildare County Council has no involvement in the day to day operations of these but retains responsibility for the Waste Licence. Operation of the WTS ceased in November. The Council is preparing a new tender for the operation of the WTS and Civic Amenity Site. There is some localised impact on groundwater from the unlined part of the landfill which is identified at groundwater monitoring point BH 4-07. A Groundwater Risk Assessment Report was submitted to the Agency in 2014 in fulfilment of the requirement under the Technical Amendment issued in January 2013. The RFI issued by the Agency was completed and submitted in October 2015. There is no discharge from the site to surface water and no impact to surface water bodies from the site. There were exceedances for gas trigger levels along the southern boundary of the site during each of the monthly monitoring intervals. Kildare County Council is continuing the investigations of landfill gas migration and has installed continuous gas monitors on two perimeter monitoring points on the Southeastern boundary of the site. This information is being used to assess whether further gas management infrastructure is required.</p>

Declaration:

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

<hr/>	<hr/>
Signature Group/Facility manager <small>(or nominated, suitably qualified and experienced deputy)</small>	Date

AIR-summary template Lic No: W0014 Year 2015

Answer all questions and complete all tables where relevant

Additional information

- 1 Does your site have licensed air emissions? If yes please complete table A1 and A2 below for the current reporting year and answer further questions. If **you do not have** licenced emissions and **do not complete a solvent management plan** (table A4 and A5) you do not need to complete the tables

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Periodic/Non-Continuous Monitoring

- 2 Are there any results in breach of licence requirements? If yes please provide brief details in the comment section of TableA1 below

SELECT	
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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](#)

SELECT	
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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
				SELECT		SELECT	SELECT	SELECT		
	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

AIR-summary template	Lic No:	W0014	Year	2015
Continuous Monitoring				

4 Does your site carry out continuous air emissions monitoring?

If yes please review your continuous monitoring data and report the required fields below in Table A2 and compare it to its relevant Emission Limit Value (ELV)

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

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

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

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
	<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"/>				<input type="text" value="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
Total VOC Emission limit value

[Solvent regulations](#) Please refer to linked solvent regulations to complete table 5 and 6

Reporting year	Total solvent input on site (kg)	Total VOC emissions to Air from entire site (direct and fugitive)	Total VOC emissions as %of solvent input	Total Emission Limit Value (ELV) in licence or any revision thereof	Compliance
					SELECT
					SELECT

Table A5: Solvent Mass Balance summary

Solvent	(I) Inputs (kg)		(O) Outputs (kg)					
	(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

<p>1 Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table W2 and W3 below for the current reporting year and answer further questions. If you do not have licenced emissions you <u>only</u> need to complete table W1 and or W2 for storm water analysis and visual inspections</p> <p>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></p>	Additional information SELECT SELECT
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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)

<p>3 Was there any result in breach of licence requirements? If yes please provide brief details in the comment section of Table W3 below</p> <p>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</p>	Additional information SELECT SELECT
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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 thereo ^{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
	SELECT	SELECT	SELECT		SELECT		SELECT		SELECT	SELECT	SELECT	SELECT			

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

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
- 2 Please provide integrity testing frequency period
- Does the site maintain a register of bunds, underground pipelines (including stormwater and foul), Tanks, sumps and containers? (containers refers to "Chemstore" type units and mobile bunds)
- 3 How many bunds are on site?
- 4 How many of these bunds have been tested within the required test schedule?
- 5 How many mobile bunds are on site?
- 6 Are the mobile bunds included in the bund test schedule?
- 7 How many of these mobile bunds have been tested within the required test schedule?
- 8 How many sumps on site are included in the integrity test schedule?
- 9 How many of these sumps are integrity tested within the test schedule?
- 10 **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?

SELECT	
SELECT	
SELECT	
SELECT	
SELECT	
SELECT	
SELECT	

Table B1: Summary details of bund /containment structure integrity test														
Bund/Containment structure ID	Type	Specify Other type	Product containment	Actual capacity	Capacity required*	Type of integrity test	Other test type	Test date	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
SELECT	SELECT					SELECT			SELECT	SELECT		SELECT		
SELECT	SELECT					SELECT			SELECT	SELECT		SELECT		

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

Has integrity testing been carried out in accordance with licence requirements and are all structures tested in line with BS8007/EPA Guidance?

[bundings and storage guidelines](#)

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

Commentary	
SELECT	
SELECT	
SELECT	

Pipeline/underground structure testing

Are you required by your licence to undertake integrity testing* on underground structures e.g. pipelines or sumps etc ? if yes please fill out table 2 below listing all underground structures and pipelines on site **which failed the integrity test and all which have not been tested withing 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)

SELECT	
SELECT	

Table B2: Summary details of pipeline/underground structures integrity test											
Structure ID	Type system	Material of construction:	Does this structure have Secondary containment?	Type secondary containment	Type integrity testing	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT				SELECT

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

Groundwater/Soil monitoring template	Lic No: W0014	Year 2015
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		Comments	
1	Are you required to carry out groundwater monitoring as part of your licence requirements?	yes	
2	Are you required to carry out soil monitoring as part of your licence requirements?	no	
3	Do you extract groundwater for use on site? If yes please specify use in comment section	no	
4	Do monitoring results show that groundwater generic assessment criteria such as GTVs or IGVs are exceeded or is there an upward trend in results for a substance? If yes, please complete the Groundwater Monitoring Guideline Template Report (link in cell G8) and submit separately through ALDER as a licensee return AND answer questions 5-12 below.	Groundwater monitoring template yes	Localised GW contamination is showing a downward trend. A Groundwater Risk Assessment Report was submitted in 2014 and further information was submitted in 2015
5	Is the contamination related to operations at the facility (either current and/or historic)	yes	
6	Have actions been taken to address contamination issues? If yes please summarise remediation strategies proposed/undertaken for the site	yes	Landfill capping. Leachate extraction from the unlined area
7	Please specify the proposed time frame for the remediation strategy	N/A	Ongoing
8	Is there a licence condition to carry out/update ELRA for the site?	no	
9	Has any type of risk assessment been carried out for the site?	yes	RA submitted in 2008. Revised RA submitted in 2014 and RFI submission completed and submitted in 2015
10	Has a Conceptual Site Model been developed for the site?	yes	Model was updated as part of revised Risk Assessment
11	Have potential receptors been identified on and off site?	yes	
12	Is there evidence that contamination is migrating offsite?	yes	Localised offsite contamination at BH 4-07

Please provide an interpretation of groundwater monitoring data in the interpretation box below or if you require additional space please include a groundwater/contaminated land monitoring results interpretaion as an additional section in this AER

Please enter interpretation of data here

Table 1: Upgradient Groundwater monitoring results

Date of sampling	Sample location reference	Parameter/Substance	Methodology	Monitoring frequency	Maximum Concentration++	Average Concentration+	unit	GTV's*	SELECT**	Upward trend in pollutant concentration over last 5 years of monitoring data
2015	PW2-09	Electrical Conductivity		Quarterly	0.668	0.61	uS/cm @20	N/A		no
2015	PW2-09	Ammonia		Quarterly	0.087	0.05	mg/l	175 ug/l		no
2015	PW2-09	Iron		Quarterly	44	24.5	ug/l	N/A	200	no
2015	PW2-09	Potassium		Quarterly	18	7.3	mg/l	N/A	5	no

Groundwater/Soil monitoring template				Lic No: W0014		Year 2015			
2015	PW2-09	Sodium	Quarterly	23	18.85	mg/l	150	150	no
2015	PW2-09	Chloride	Quarterly	35.4	27.93	mg/l	N/A	30	no
2015	PW2-09	TON	Quarterly	10.7	6.87	mg/l	N/A	NAC	no
2015	PW2-09	Phenols	Quarterly	<5	<0.5	ug/l	N/A	0.5	no
2015	PW2-09	Total Coliforms	Quarterly	13	3.25	cfu/100ml	N/A	0	no
2015	PW2-09	Faecal Colifoms	Quarterly	3	0.75	cfu/100ml	N/A	0	no
2015	PW2-09	TOC	Quarterly	2.04	1.69	mg/l	N/A	NAC	no
2015	BH 9D	Electrical Conductivity	Quarterly	1.548	1.35	uS/cm @20	N/A		no
2015	BH 9D	Ammonia	Quarterly	0.833	0.42	mg/l	175 ug/l		no
2015	BH 9D	Iron	Quarterly	60820	16649.25	ug/l	N/A	200	no
2015	BH 9D	Potassium	Quarterly	33	15.03	mg/l	N/A	5	no
2015	BH 9D	Sodium	Quarterly	139	104.5	mg/l	150	150	no
2015	BH 9D	Chloride	Quarterly	233	179.2	mg/l	N/A	30	no
2015	BH 9D	TON	Quarterly	8.01	3.76	mg/l	N/A	NAC	no
2015	BH 9D	Phenols	Quarterly	<5	<0.5	ug/l	N/A	0.5	no
2015	BH 9D	Total Coliforms	Quarterly	3300	1101.5	cfu/100ml	N/A	0	no
2015	BH 9D	Faecal Colifoms	Quarterly	14	3.5	cfu/100ml	N/A	0	no
2015	BH 9D	TOC	Quarterly	2.54	1.94	mg/l	N/A	NAC	no

.+ where average indicates arithmetic mean

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

Table 2: Downgradient Groundwater monitoring results

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit	GTV's*	SELECT**	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
2015	BH 3	Electrical Conductivity		Quarterly	0.693	0.65	uS/cm @20	N/A		no
2015	BH 3	Ammonia		Quarterly	0.766	0.64	mg/l	175 ug/l		no
2015	BH 3	Iron		Quarterly	21380	15724.75	ug/l	N/A	200	no
2015	BH 3	Potassium		Quarterly	6	2.7	mg/l	N/A	5	no
2015	BH 3	Sodium		Quarterly	11	9.6	mg/l	150	150	no
2015	BH 3	Chloride		Quarterly	22.9	21.93	mg/l	N/A	30	no
2015	BH 3	TON		Quarterly	0.842	0.57	mg/l	N/A	NAC	no
2015	BH 3	Phenols		Quarterly	<5	<0.5	ug/l	N/A	0.5	no
2015	BH 3	Total Coliforms		Quarterly	0	0	cfu/100ml	N/A	0	no
2015	BH 3	Faecal Colifoms		Quarterly	0	0	cfu/100ml	N/A	0	no
2015	BH 3	TOC		Quarterly	4.07	2.24	mg/l	N/A	NAC	no
2015	BH 4-07	Electrical Conductivity		Quarterly	3	2.41	uS/cm @20	N/A		no
2015	BH 4-07	Ammonia		Quarterly	284	264.33	mg/l	175 ug/l		no
2015	BH 4-07	Iron		Quarterly	12190	7322.67	ug/l	N/A	200	no

Groundwater/Soil monitoring template				Lic No: W0014		Year 2015			
2015	BH 4-07	Potassium	Quarterly	159	101.33	mg/l	N/A	5	no
2015	BH 4-07	Sodium	Quarterly	235	188	mg/l	150	150	no
2015	BH 4-07	Chloride	Quarterly	312	268.67	mg/l	N/A	30	no
2015	BH 4-07	TON	Quarterly	83.7	28	mg/l	N/A	NAC	no
2015	BH 4-07	Phenols	Quarterly	<5	<0.5	ug/l	N/A	0.5	no
2015	BH 4-07	Total Coliforms	Quarterly	4200	1400	cfu/100ml	N/A	0	no
2015	BH 4-07	Faecal Coliforms	Quarterly	0	0	cfu/100ml	N/A	0	no
2015	BH 4-07	TOC	Quarterly	42.7	25.32	mg/l	N/A	NAC	no
<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. 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) 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) Groundwater regulations Drinking water (private supply) standards Drinking water (public supply) standards Interim Guideline Values (IGV) Surface water EQS GTV's</p>									

Table 3: Soil results

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

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

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

		Commentary	
1	ELRA initial agreement status	SELECT	
2	ELRA review status	SELECT	
3	Amount of Financial Provision cover required as determined by the latest ELRA	Specify	
4	Financial Provision for ELRA status	SELECT	
5	Financial Provision for ELRA - amount of cover	Specify	
6	Financial Provision for ELRA - type	SELECT	
7	Financial provision for ELRA expiry date	Enter expiry date	
8	Closure plan initial agreement status	SELECT	
9	Closure plan review status	SELECT	
10	Financial Provision for Closure status	SELECT	
11	Financial Provision for Closure - amount of cover	Specify	
12	Financial Provision for Closure - type	SELECT	
13	Financial provision for Closure expiry date	Enter expiry date	

Environmental Management Programme/Continuous Improvement Programme template Lic No: W0014 Year 2015

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
Reduction of emissions to Air	Procurement of low calorific, low volume enclosed flare	40	Advertisement of tender has been postponed pending further investigation of the gas field to ensure correct sizing of the flaring requirements	Section Head	Increased compliance with licence conditions
Groundwater protection	Implementation of recommendations of Groundwater Risk Assessment Review	90	Report of GW RA review was submitted in 2014. Response to RFI was submitted in 2015	Section Head	Increased compliance with licence conditions
Additional improvements	Minimisation of gas migration	80	Continuous gas monitors have been installed on 2 perimeter monitoring wells to provide more detailed information on the migration issue	Section Head	Increased compliance with licence conditions

Noise monitoring summary report Lic No: W0014 Year 2015

- 1 Was noise monitoring a licence requirement for the AER period?
If yes please fill in table N1 noise summary below
- 2 Was noise monitoring carried out using the EPA Guidance note, including completion of the "Checklist for noise measurement report" included in the guidance note as table 6? [Noise Guidance note NG4](#)
- 3 Does your site have a noise reduction plan?
- 4 When was the noise reduction plan last updated?
- 5 Have there been changes relevant to site noise emissions (e.g. plant or operational changes) since the last noise survey?

Table N1: Noise monitoring summary

Date of monitoring	Time period	Noise location (on site)	Noise sensitive location -NSL (if applicable)	LA _{eq}	LA ₉₀	LA ₁₀	LA _{max}	Tonal or Impulsive noise* (Y/N)	If tonal /impulsive noise was identified was 5dB penalty applied?	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is <u>site</u> compliant with noise limits (day/evening/night)?
26/11/2014	30 mins	N 1	N/A	61.5	46.1	65.7		No	SELECT	Traffic on R448	No
26/11/2014	30 mins	N 2	N/A	47.7	42.3	50.5		No		Traffic on R448	Yes
26/11/2014	30 mins	N 3	N/A	44.5	39.9	45.4		No		Traffic noise, background from Kilsaran & SH	Yes
26/11/2014	30 mins	N 4	N/A	58.1	51.6	57.6		No		Traffic on R448 & Carnalway Rd	No
26/11/2014	30 mins	N 5	N/A	52.2	45.1	53.8		No		Traffic on Carnalway Rd	Yes
26/11/2014	30 mins	N 6	N/A	54.7	48.9	58		No		Traffic on R448, activities in SH	Yes
26/11/2014	30 mins	N 7	N/A	55.7	44.6	60.2		No		Traffic on R448 & Carnalway Rd	No

*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?

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

Any additional comments? (less than 200 words)

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

Additional information	
	2009
No	
N/A	

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)	175000	175000		
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)				
Light Fuel Oil (m3)	12000	12000		
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	1000	1000		0		1000	
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

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

Resource Usage/Energy efficiency summary Lic No: W0014 Year 2015

Table R4: Energy Audit finding recommendations

Date of audit	Recommendations	Description of Measures proposed	Origin of measures	Predicted energy savings %	Implementation date	Responsibility	Completion date	Status and comments
			SELECT					
			SELECT					
			SELECT					

Table R5: Power Generation: Where power is generated onsite (e.g. power generation facilities/food and drink industry)please complete the following information

	Unit ID	Unit ID	Unit ID	Unit ID	Station Total
Technology					
Primary Fuel					
Thermal Efficiency					
Unit Date of Commission					
Total Starts for year					
Total Running Time					
Total Electricity Generated (GWH)					
House Load (GWH)					
KWH per Litre of Process Water					
KWH per Litre of Total Water used on Site					

Complaints and Incidents summary template

Lic No:

W0014

Year

2015

Complaints

Additional information

Have you received any environmental complaints in the current reporting year? If yes please complete summary details of complaints received on site in table 1 below

SELECT

Table 1 Complaints summary

Date	Category	Other type (please specify)	Brief description of complaint (Free txt <20 words)	Corrective action< 20 words	Resolution status	Resolution date	Further information
10/07/2015	Waste		Complaint of odour and birds dropping litter from WTS	WTS cleared of waste and closed	Complete	11/11/2015	
16/09/2015	Waste		Complaint of odour and birds dropping litter from WTS	WTS cleared of waste and closed	Complete	11/11/2015	
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		
Total complaints open at start of reporting year		0					
Total new complaints received during reporting year		2					
Total complaints closed during reporting year		2					
Balance of complaints end of reporting year		0					

Incidents

Additional information

Have any incidents occurred on site in the current reporting year? Please list all incidents for current reporting year in Table 2 below

Yes

*For information on how to report and what constitutes an incident

[What is an incident](#)

Table 2 Incidents summary

Date of occurrence	Incident nature	Location of occurrence	Incident category* please refer to guidance	Receptor	Cause of incident	Other cause (please specify)	Activity in progress at time of incident	Communication	Occurrence	Corrective action<20 words	Preventative action <20 words	Resolution status	Resolution date	Likelihood of reoccurrence
12/01/2015	Trigger level reached	G105, G108	2. Limited	Ground	Operational controls		Normal activities	EPA	Recurring	Gas field management	Procurement of new flare	Ongoing		High
16/02/2015	Trigger level reached	G105, G108	2. Limited	Ground	Operational controls		Normal activities	EPA	Recurring	Gas field management	Procurement of new flare	Ongoing		High
25/03/2015	Trigger level reached	G103,G104S,G104D,G105,G108	2. Limited	Ground	Operational controls		Normal activities	EPA	Recurring	Gas field management	Procurement of new flare	Ongoing		High
27/04/2015	Trigger level reached	G104D, G105,G108	2. Limited	Ground	Operational controls		Normal activities	EPA	Recurring	Gas field management	Procurement of new flare	Ongoing		High
22/05/2015	Trigger level reached	G104D, G105,G108	2. Limited	Ground	Operational controls		Normal activities	EPA	Recurring	Gas field management	Procurement of new flare	Ongoing		High
29/06/2015	Trigger level reached	G104D, G105,G108	2. Limited	Ground	Operational controls		Normal activities	EPA	Recurring	Gas field management	Procurement of new flare	Ongoing		High
07/07/2015	Trigger level reached	G104S,G104D,G105,G108	2. Limited	Ground	Operational controls		Normal activities	EPA	Recurring	Gas field management	Procurement of new flare	Ongoing		High
18/08/2015	Trigger level reached	G103,G104S,G104D,G105G108	2. Limited	Ground	Operational controls		Normal activities	EPA	Recurring	Gas field management	Procurement of new flare	Ongoing		High
08/09/2015	Trigger level reached	G103,G104S,G104D,G105G108	2. Limited	Ground	Operational controls		Normal activities	EPA	Recurring	Gas field management	Procurement of new flare	Ongoing		High

Complaints and Incidents summary template													
				Lic No: W0014			Year 2015						
09/10/2015	Trigger level reached	G105, G108	2. Limited	Ground	Operational controls		Normal activities	EPA	Recurring	Gas field management	Procurement of new flare	Ongoing	High
11/11/2015	Trigger level reached	G105, G108	2. Limited	Ground	Operational controls		Normal activities	EPA	Recurring	Gas field management	Procurement of new flare	Ongoing	High
14/12/2015	Trigger level reached	G105, G108	2. Limited	Ground	Operational controls		Normal activities	EPA	Recurring	Gas field management	Procurement of new flare	Ongoing	High
31/10/2015	Other (please specify)	Waste Transfer Station	3. Serious	Ground	Operational controls		Normal activities	EPA	New	WTS was closed until all waste was removed	Oxygen were prevented from using WTS again after it was cleared	Complete	Low
Total number of incidents current year	13												
Total number of incidents previous year	12												
% reduction/increase	8%												

WASTE SUMMARY	Lic No: W0014	Year: 2015
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

Additional Information	
SELECT	

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

No	
----	--

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

No	
----	--

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

Licensed annual tonnage limit for your site (total tonnes/annum)	EWC code	Source of waste accepted	Description of waste accepted Please enter an accurate and detailed description - which applies to relevant EWC code European Waste Catalogue EWC codes	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										

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

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

Yes	
-----	--

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

Yes	
-----	--

6 Does your facility have relevant nuisance controls in place?

Yes	
-----	--

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

N/A	
-----	--

8 Do you maintain a sludge register on site?

N/A	
-----	--

SECTION D-TO BE COMPLETED BY LANDFILL SITES ONLY

Table 2 Waste type and tonnage-landfill only

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

Table 3 General information-Landfill only

Area ID	Date landfilling commenced	Date landfilling ceased	Currently landfilling	Private or Public Operated	Inert or non-hazardous	Predicted date to cease landfilling	Licence permits asbestos	Is there a separate cell for asbestos?	Accepted asbestos in reporting year	Total disposal area occupied by waste	Lined disposal area occupied by waste	Unlined area
										m2	m2	m2
Cell 8	1984	2001	No	Public	Non Hazardous	N/A	No	No	No	103000	24000	79000

WASTE SUMMARY		Lic No:	W0014	Year	2015
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Table 4 Environmental monitoring-landfill only [Landfill Manual-Monitoring Standards](#)

Was meteorological monitoring in compliance with Landfill Directive (LD) standard in reporting year +	Was leachate monitored in compliance with LD standard in reporting year	Was Landfill Gas monitored in compliance with LD standard in reporting year	Was SW monitored in compliance with LD standard in reporting year	Have GW trigger levels been established	Were emission limit values agreed with the Agency (ELVs)	Was topography of the site surveyed in reporting year	Has the statement under S53(A)(5) of WMA been submitted in reporting year	Comments
Yes	Yes	Yes	Yes	No	No	Yes		

-> 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
m2	SELECT UNIT					
0		24000	79000			

*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
7748	0.5	2.1	3	2.1	Yes	Methane Stripping	

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
175261		0 N/A	Yes	



[Guidance to completing the PRTR workbook](#)

PRTR Returns Workbook

Version 1.1.19

REFERENCE YEAR	2015
-----------------------	------

1. FACILITY IDENTIFICATION

Parent Company Name	Kildare County Council
Facility Name	Silliot Hill Landfill
PRTR Identification Number	W0014
Licence Number	W0014-01

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

Address 1	Silliot Hill and Brownstown
Address 2	
Address 3	
Address 4	
	Kildare
Country	Ireland
Coordinates of Location	-6.71904 53.1489
River Basin District	IEEA
NACE Code	3821
Main Economic Activity	Treatment and disposal of non-hazardous waste
AER Returns Contact Name	Eleanor McDonald
AER Returns Contact Email Address	emcdonald@kildarecoco.ie
AER Returns Contact Position	Site Technician
AER Returns Contact Telephone Number	045 481960
AER Returns Contact Mobile Phone Number	0879127317
AER Returns Contact Fax Number	
Production Volume	0.0
Production Volume Units	
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	14
User Feedback/Comments	
Web Address	

2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
5(d)	Landfills
5(c)	Installations for the disposal of non-hazardous waste
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# : W0014 | Facility Name : Silliot Hill Landfill | Filename : W0014_2015.xls | Return Year : 2015 |

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SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASERS TO AIR		METHOD			Please enter all quantities in this section in KGs			
POLLUTANT		METHOD USED			QUANTITY			
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
01	Methane (CH4)	E	ESTIMATE	LandGem	3172739.0	3172739.0	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

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

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

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

Additional Data Requested from Landfill operators

For the purposes of the National Inventory on Greenhouse Gases, landfill operators are requested to provide summary data on landfill gas (Methane) flared or utilised on their facilities to accompany the figures for total methane generated. Operators should only report their Net methane (CH4) emission to the environment under T(total) KG/yr for Section A: Sector specific PRTR pollutants above. Please complete the table below:

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)	3349000.0	E	Estimate	Landgem	N/A
Methane flared	175261.0	C	calculated	Flare Readings	1000.0 (Total Flaring Capacity)
Methane utilised in engine/s	0.0				0.0 (Total Utilising Capacity)
Net methane emission (as reported in Section A above)	3172739.0	E	Estimate	Landgem	N/A

4.2 RELEASES TO WATERS

[Link to previous years emissions data](#)

| PRTR# : W0014 | Facility Name : Silliot Hill Landfill | Filename : W0014.

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

Data on ambient monitoring of storm/surface water or groundwater

RELEASES TO WATERS				
POLLUTANT				
No. Annex II	Name	M/C/E	Method Used	
			Method Code	Designation or Description

* 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				
POLLUTANT				
No. Annex II	Name	M/C/E	Method Used	
			Method Code	Designation or Description

* 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				
POLLUTANT				
Pollutant No.	Name	M/C/E	Method Used	
			Method Code	Designation or Description

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

; conducted as part of your licence requirements, should NOT be submitted under AER / PRTR Reporting as this only concerns Releases from your facility

Please enter all quantities in this section in KGs			
QUANTITY			
Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
0.0	0.0	0.0	0.0

Please enter all quantities in this section in KGs			
QUANTITY			
Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
0.0	0.0	0.0	0.0

Please enter all quantities in this section in KGs			
QUANTITY			
Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
0.0	0.0	0.0	0.0

4.3 RELEASES TO WASTEWATER OR SEWER

[Link to previous years emissions data](#)

| PRTR# : W0014 | Facility Name : Silliot Hill Landfill | Filename : W0014_2015.xls | Return Year : 20

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SECTION A : PRTR POLLUTANTS

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

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

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

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

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

4.4 RELEASES TO LAND

[Link to previous years emissions data](#)

| PRTR# : W0014 | Facility Name : Silliot Hill Landfill | Filename : W0014_2015.xls | Return Year : 2015 |

30/03/2016 16:08

SECTION A : PRTR POLLUTANTS

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

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

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

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

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

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

| PRTR# : W0014 | Facility Name : Silliot Hill Landfill | Filename : W0014_2015.xls | Return Year : 2015 |

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Please enter all quantities on this sheet in Tonnes

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Hazardous Waste Name and Licence/Permit No of Next Destination Facility Non Hazardous Waste Name and Licence/Permit No of Recover/Disposer	Hazardous Waste Address of Next Destination Facility Non Hazardous Waste Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)	
						M/C/E	Method Used						
Within the Country	13 02 04	Yes	4.88	mineral-based chlorinated engine, gear and lubricating oils	R9	M	Weighed	Offsite in Ireland	Rita Environmental Ltd,W0192-03	Block 402,Grant's Drive,Greenogue Business Park,Rathcoole ,Ireland	Rita Environmental Ltd,W0192-03,Block 402,Grant's Drive,Greenogue Business Park,Rathcoole,Ireland	Block 402,Grant's Drive,Greenogue Business Park,Rathcoole,Ireland	
Within the Country	15 01 01	No	48.12	paper and cardboard packaging	R3	M	Weighed	Offsite in Ireland	Irish Packaging Recycling Ltd t/a Panda Waste Services,WPR 021/2	Rd ,Walkinstown,...Dublin 12,Ireland	Ballymount Rd,Walkinstown,...Dublin 12,Ireland	Ballymount Rd,Walkinstown,...Dublin 12,Ireland	
Within the Country	15 01 02	No	8.72	plastic packaging	R3	M	Weighed	Offsite in Ireland	Irish Packaging Recycling Ltd t/a Panda Waste Services,WPR 021/2	Rd,Walkinstown,...Dublin 12,Ireland	Ballymount Rd,Walkinstown,...Dublin 12,Ireland	Ballymount Rd,Walkinstown,...Dublin 12,Ireland	
Within the Country	15 01 05	No	14.28	Tetrapaks	R3	M	Weighed	Offsite in Ireland	Irish Packaging Recycling Ltd t/a Panda Waste Services,WPR 021/2	Rd,Walkinstown,...Dublin 12,Ireland	Ballymount Rd,Walkinstown,...Dublin 12,Ireland	Ballymount Rd,Walkinstown,...Dublin 12,Ireland	
Within the Country	15 01 07	No	45.88	Bottles	R5	M	Weighed	Offsite in Ireland	Rehab Glassco,WCP DC 08-1150-01	Unit 4 Osberstown Business Park,Caragh Rd,Naas,Co. Kildare,Ireland	Unit 4 Osberstown Business Park,Caragh Rd,Naas,Co. Kildare,Ireland	Unit 4 Osberstown Business Park,Caragh Rd,Naas,Co. Kildare,Ireland	
Within the Country	16 01 03	No	1.36	end-of-life tyres	R5	M	Weighed	Offsite in Ireland	Crumb Rubber Ireland Ltd,WCP-DC-08-1136-01	Microstown,Dromiskin,Dundalk,Co. Louth,Ireland	Unit 51,Henry Rd,Parwest Business Park,Dublin 12,Ireland	Unit 51,Henry Rd,Parwest Business Park,Dublin 12,Ireland	Unit 51,Henry Rd,Parwest Business Park,Dublin 12,Ireland
Within the Country	17 08 02	No	3.76	gypsum-based construction materials other than those mentioned in 17 08 01	R5	M	Weighed	Offsite in Ireland	Thorlons Recycling,WFP-DC-10-0021-02	Osberstown WWTP (D0002-01)	Osberstown, Naas, Co. Kildare	Osberstown, Naas, Co. Kildare	Osberstown, Naas, Co. Kildare
Within the Country	19 07 03	No	7748000	landfill leachate other than those mentioned in 19 07 02	D8	E	Volume Calculation	Offsite in Ireland	Irish Packaging Recycling Ltd t/a Panda Waste Services,WPR 021/2	Rd,Walkinstown,...Dublin 12,Ireland	Ballymount Rd,Walkinstown,...Dublin 12,Ireland	Ballymount Rd,Walkinstown,...Dublin 12,Ireland	
Within the Country	20 01 01	No	47.78	paper and cardboard	R3	M	Weighed	Offsite in Ireland	Irish Packaging Recycling Ltd t/a Panda Waste Services,WPR 021/2	Rd,Walkinstown,...Dublin 12,Ireland	Ballymount Rd,Walkinstown,...Dublin 12,Ireland	Ballymount Rd,Walkinstown,...Dublin 12,Ireland	
Within the Country	20 01 01	No	0.0	Newspapers & Magazines	R3	M	Weighed	Offsite in Ireland	Irish Packaging Recycling Ltd t/a Panda Waste Services,WPR 021/2	Rd,Walkinstown,...Dublin 12,Ireland	Ballymount Rd,Walkinstown,...Dublin 12,Ireland	Ballymount Rd,Walkinstown,...Dublin 12,Ireland	
Within the Country	20 01 02	No	18.5	glass	R5	M	Weighed	Offsite in Ireland	Rehab Glassco,WCP DC 08-1150-01	Unit 4 Osberstown Business Park,Caragh Rd,Naas,Co. Kildare,Ireland	Unit 4 Osberstown Business Park,Caragh Rd,Naas,Co. Kildare,Ireland	Unit 4 Osberstown Business Park,Caragh Rd,Naas,Co. Kildare,Ireland	
Within the Country	20 01 08	No	0.0	Food Waste	R12	M	Weighed	Offsite in Ireland	Acorn Recycling,W0249-01	Tipperary,...Ireland	Tipperary,...Ireland	Tipperary,...Ireland	
Within the Country	20 01 11	No	14.48	textiles	R5	M	Weighed	Offsite in Ireland	Textile Recycling,WPR 014/2	Glen Abbey Complex,Belgard Rd,Tallaght,Dublin 24,Ireland	Glen Abbey Complex,Belgard Rd,Tallaght,Dublin 24,Ireland	Glen Abbey Complex,Belgard Rd,Tallaght,Dublin 24,Ireland	
Within the Country	20 01 21	Yes	0.0	fluorescent tubes and other mercury-containing waste	R4	M	Weighed	Offsite in Ireland	KMK Recyclig Ltd,W0113-03,Cappincur Ind Est,Daingean Rd,Tullamore,Offaly,Ireland	Cappincur Ind Est,Daingean Rd,Tullamore,Offaly,Ireland	KMK Recyclig Ltd,W0113-03,Cappincur Ind Est,Daingean Rd,Tullamore,Offaly,Ireland	Cappincur Ind Est,Daingean Rd,Tullamore,Offaly,Ireland	
Within the Country	20 01 27	Yes	22.8	Waste Paint and Varnish (incl containers) batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these	D9	M	Weighed	Offsite in Ireland	Rita Environmental Ltd,W0192-03	Block 402,Grant's Drive,Greenogue Business Park,Rathcoole ,Ireland	Block 402,Grant's Drive,Greenogue Business Park,Rathcoole ,Ireland	Block 402,Grant's Drive,Greenogue Business Park,Rathcoole ,Ireland	
Within the Country	20 01 33	Yes	0.0	batteries discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous	R4	M	Weighed	Offsite in Ireland	KMK Recyclig Ltd,W0113-03,Cappincur Ind Est,Daingean Rd,Tullamore,Offaly,Ireland	Cappincur Ind Est,Daingean Rd,Tullamore,Offaly,Ireland	KMK Recyclig Ltd,W0113-03,Cappincur Ind Est,Daingean Rd,Tullamore,Offaly,Ireland	Cappincur Ind Est,Daingean Rd,Tullamore,Offaly,Ireland	
Within the Country	20 01 35	Yes	326.5	components	R4	M	Weighed	Offsite in Ireland	Ratcliffe,WCP-DC-08-1130-01	Ballystrahan,...St Margarets,Co. Dublin,Ireland	Ballystrahan,...St Margarets,Co. Dublin,Ireland	Ballystrahan,...St Margarets,Co. Dublin,Ireland	
Within the Country	20 01 40	No	12.4	metals	R4	M	Weighed	Offsite in Ireland	Multi Metals Recycling,WFP/Enrich Environmental,WFP/MH/08/004/02	Wicklow,Ireland	Wicklow,Ireland	Wicklow,Ireland	
Within the Country	20 02 01	No	264.34	Green Waste	R3	M	Weighed	Offsite in Ireland	Oxygen Environmental,W0152	...Kilcock,Co. Meath,Ireland	...Kilcock,Co. Meath,Ireland	...Kilcock,Co. Meath,Ireland	
Within the Country	20 03 01	No	2257.94	mixed municipal waste	D1	M	Weighed	Offsite in Ireland	Drehid Waste Management Facility,W0201-03	Estate Robinhood Rd,Ballymount,Dublin 22,Ireland	Estate Robinhood Rd,Ballymount,Dublin 22,Ireland	Estate Robinhood Rd,Ballymount,Dublin 22,Ireland	
Within the Country	20 03 07	No	686.93	bulky waste	R12	M	Weighed	Offsite in Ireland	Drehid Waste Management Facility,W0201-03	Carbury,...Co. Kildare,...Ireland	Carbury,...Co. Kildare,...Ireland	Carbury,...Co. Kildare,...Ireland	

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

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