

SELECT	cells that are highlighted blue contain a dropdown menu click to select one option from the list
<a href="#">guidance document link</a>	cells that contain underlined text click to access relevant guidance documents for this section
Table heading *	table headings followed by a symbol have an associated footnote or instructions
Cells with red indicator in top right corner	cells that have a red indicator in the top right corner contain a comment box with further instructions or clarification

Facility Information Summary

Licence Register Number  
 Name of site  
 Site Location  
 NACE Code  
 Class of Activity  
 RBME risk category  
 National Grid Reference (6E, 6 N)

W67-2
Rathroeen Landfill
Killala Rd, Ballina, Co. Mayo
Landfill

A brief description of the activities/process at the site for the reporting year. This should include information such as production increases or decreases on site, any infrastructural changes, environmental performance improvements which were measured during the reporting year;

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

_____ Signature Group/Facility manager <small>(or nominated, suitably qualified and experienced deputy)</small>	_____ Date
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**AER summary template-AIR emissions**

1 Does your site have licensed air emissions? If yes please complete table 1, 2 and 3 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 5 and 6) you only need to complete table 1 fugitive emissions on site below

Additional information	
No	

**Table 1 Fugitive emissions**

Parameter /Substance	Annual fugitive emission (kg/annum)	Quantificaton method M/C/E
Methane (CH4)	904216	E
Carbon dioxide (CO2)	3949299	E

**Periodic/Non-Continuous Monitoring**

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

SELECT	
SELECT	

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](#)

**Table 2: Licensed Mass Emissions/Ambient data-periodic monitoring (non-continuous)**

Emission reference no:	Parameter/ Substance	Date of Monitoring	ELV in licence or any revision therof	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence limit	Method of analysis	Annual mass load (kg)	% change in mass load from previous year +/-	Comments
	SELECT			SELECT		SELECT	SELECT	SELECT			
	SELECT			SELECT		SELECT	SELECT	SELECT			

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

**Continuous Monitoring**

4 Does your site carry out continuous air emissions monitoring?

If yes please review your continuous monitoring data and report the required fields below in Table 3 and compare it to its relevant Emission Limit Value (ELV)

5 Did continuous monitoring equipment experience downtime? If yes please record downtime in table 3 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 4 below

**Table 3: 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)	% compliance current reporting year	Comments
	SELECT			SELECT	SELECT					

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

**Table 4: Abatement system bypass reporting table** [Bypass protocol](#)

Date*	Duration** (hours)	Location	Reason for bypass	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

8 Do you have a total Emission Limit Value of direct and fugitive emissions on site? if yes please fill out table 5

SELECT	
--------	--

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

Table 6: Solvent Mass Balance summary								
	(I) Inputs (kg)		(O) Outputs (kg)					
Solvent	(I) Inputs (kg)	Organic solvent emission in waste gases(kg)	Solvents lost in water (kg)	Collected waste solvent (kg)	Fugitive Organic Solvent (kg)	Solvent released in other ways e.g. by-passes (kg)	Solvents destroyed onsite through physical reaction e.g. incineration(kg)	Total emission of Solvent to air (kg)
							Total	

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

Additional information

1 Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table 3 and 4 below for the current reporting year and answer further questions. If **you do not have** licenced emissions you only need to complete table 1 and /table 2 below for ambient monitoring and visual inspections

2 Was it a requirement of your licence to carry out visual inspections on any surface water discharges or watercourses on or near your site? If yes please complete table 2 below summarising only any evidence of contamination noted during visual inspections

No	
Yes	

**Table 1 Ambient 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
SW1	upstream		Dissolved Oxygen	25.01.2011		SELECT	9	mg/L	SELECT	No agreed ELVs
SW1	upstream		Ammonia (as N)	25.01.2011			0.173	mg/L		No agreed ELVs
SW1	upstream		BOD	25.01.2011			<1	mg/L		No agreed ELVs
SW1	upstream		COD	25.01.2011			63	mg/L		No agreed ELVs
SW1	upstream		Chloride	25.01.2011			53	mg/L		No agreed ELVs
SW1	upstream		Conductivity	25.01.2011			655			No agreed ELVs
SW1	upstream		pH	25.01.2011			7.6			No agreed ELVs
SW1	upstream		Suspended Solids	25.01.2011			27	mg/L		No agreed ELVs
SW1	upstream		Potassium	25.01.2011			3.8	mg/L		No agreed ELVs
SW1	upstream		Sodium	25.01.2011			26.7	mg/L		No agreed ELVs
SW1	upstream		Dissolved Oxygen	21.04.2011			9.2	mg/L		No agreed ELVs
SW1	upstream		Ammonia (as N)	21.04.2011			0.051	mg/L		No agreed ELVs
SW1	upstream		BOD	21.04.2011			1	mg/L		No agreed ELVs
SW1	upstream		COD	21.04.2011			52	mg/L		No agreed ELVs
SW1	upstream		Chloride	21.04.2011			36.3	mg/L		No agreed ELVs
SW1	upstream		Conductivity	21.04.2011			636			No agreed ELVs
SW1	upstream		pH	21.04.2011			7.6			No agreed ELVs
SW1	upstream		Suspended Solids	21.04.2011			5	mg/L		No agreed ELVs
SW1	upstream		Potassium	21.04.2011			3.8	mg/L		No agreed ELVs
SW1	upstream		Sodium	21.04.2011			19.7	mg/L		No agreed ELVs
SW1	upstream		Dissolved Oxygen	14.09.2011				mg/L		No agreed ELVs
SW1	upstream		Ammonia (as N)	14.09.2011			0.079	mg/L		No agreed ELVs
SW1	upstream		BOD	14.09.2011			1	mg/L		No agreed ELVs
SW1	upstream		COD	14.09.2011			74	mg/L		No agreed ELVs
SW1	upstream		Chloride	14.09.2011			27.8	mg/L		No agreed ELVs
SW1	upstream		Conductivity	14.09.2011			637			No agreed ELVs
SW1	upstream		pH	14.09.2011			7.3			No agreed ELVs
SW1	upstream		Suspended Solids	14.09.2011			14	mg/L		No agreed ELVs
SW1	upstream		Potassium	14.09.2011			4.5	mg/L		No agreed ELVs
SW1	upstream		Sodium	14.09.2011			20.6	mg/L		No agreed ELVs
SW2	downstream		Dissolved Oxygen	25.01.2011			9	mg/L		No agreed ELVs
SW2	downstream		Ammonia (as N)	25.01.2011			4.57	mg/L		No agreed ELVs
SW2	downstream		BOD	25.01.2011			1	mg/L		No agreed ELVs
SW2	downstream		COD	25.01.2011			46	mg/L		No agreed ELVs
SW2	downstream		Chloride	25.01.2011			40.9	mg/L		No agreed ELVs
SW2	downstream		Conductivity	25.01.2011			670			No agreed ELVs
SW2	downstream		pH	25.01.2011			7.6			No agreed ELVs
SW2	downstream		Suspended Solids	25.01.2011			18	mg/L		No agreed ELVs
SW2	downstream		Potassium	25.01.2011			7.9	mg/L		No agreed ELVs
SW2	downstream		Sodium	25.01.2011			25.9	mg/L		No agreed ELVs
SW2	downstream		Dissolved Oxygen	21.04.2011			9	mg/L		No agreed ELVs
SW2	downstream		Ammonia (as N)	21.04.2011			0.033	mg/L		No agreed ELVs
SW2	downstream		BOD	21.04.2011			2	mg/L		No agreed ELVs

SW2	downstream		COD	21.04.2011			55	mg/L		No agreed ELVs
SW2	downstream		Chloride	21.04.2011			35.6	mg/L		No agreed ELVs
SW2	downstream		Conductivity	21.04.2011			641			No agreed ELVs
SW2	downstream		pH	21.04.2011			7.6			No agreed ELVs
SW2	downstream		Suspended Solids	21.04.2011			5	mg/L		No agreed ELVs
SW2	downstream		Potassium	21.04.2011			3.4	mg/L		No agreed ELVs
SW2	downstream		Sodium	21.04.2011			18.3	mg/L		No agreed ELVs
SW2	downstream		Dissolved Oxygen	14.09.2011				mg/L		No agreed ELVs
SW2	downstream		Ammonia (as N)	14.09.2011			5.22	mg/L		No agreed ELVs
SW2	downstream		BOD	14.09.2011			9	mg/L		No agreed ELVs
SW2	downstream		COD	14.09.2011			64	mg/L		No agreed ELVs
SW2	downstream		Chloride	14.09.2011			42.6	mg/L		No agreed ELVs
SW2	downstream		Conductivity	14.09.2011			761			No agreed ELVs
SW2	downstream		pH	14.09.2011			7.6			No agreed ELVs
SW2	downstream		Suspended Solids	14.09.2011			5	mg/L		No agreed ELVs
SW2	downstream		Potassium	14.09.2011			12.5	mg/L		No agreed ELVs
SW2	downstream		Sodium	14.09.2011			34.2	mg/L		No agreed ELVs
SW3	downstream		Dissolved Oxygen	25.01.2011			9.6	mg/L		No agreed ELVs
SW3	downstream		Ammonia (as N)	25.01.2011			0.73	mg/L		No agreed ELVs
SW3	downstream		BOD	25.01.2011			1	mg/L		No agreed ELVs
SW3	downstream		COD	25.01.2011			18	mg/L		No agreed ELVs
SW3	downstream		Chloride	25.01.2011			26.6	mg/L		No agreed ELVs
SW3	downstream		Conductivity	25.01.2011			642			No agreed ELVs
SW3	downstream		pH	25.01.2011			8.2			No agreed ELVs
SW3	downstream		Suspended Solids	25.01.2011			8	mg/L		No agreed ELVs
SW3	downstream		Potassium	25.01.2011			4	mg/L		No agreed ELVs
SW3	downstream		Sodium	25.01.2011			17	mg/L		No agreed ELVs
SW3	downstream		Dissolved Oxygen	21.04.2011			8.2	mg/L		No agreed ELVs
SW3	downstream		Ammonia (as N)	21.04.2011			3.657	mg/L		No agreed ELVs
SW3	downstream		BOD	21.04.2011			2	mg/L		No agreed ELVs
SW3	downstream		COD	21.04.2011			59	mg/L		No agreed ELVs
SW3	downstream		Chloride	21.04.2011			42	mg/L		No agreed ELVs
SW3	downstream		Conductivity	21.04.2011			721			No agreed ELVs
SW3	downstream		pH	21.04.2011			7.5			No agreed ELVs
SW3	downstream		Suspended Solids	21.04.2011			16	mg/L		No agreed ELVs
SW3	downstream		Potassium	21.04.2011			7.7	mg/L		No agreed ELVs
SW3	downstream		Sodium	21.04.2011			23.8	mg/L		No agreed ELVs
SW3	downstream		Dissolved Oxygen	14.09.2011				mg/L		No agreed ELVs
SW3	downstream		Ammonia (as N)	14.09.2011			5.23	mg/L		No agreed ELVs
SW3	downstream		BOD	14.09.2011			9	mg/L		No agreed ELVs
SW3	downstream		COD	14.09.2011			63	mg/L		No agreed ELVs
SW3	downstream		Chloride	14.09.2011			42.6	mg/L		No agreed ELVs
SW3	downstream		Conductivity	14.09.2011			763			No agreed ELVs
SW3	downstream		pH	14.09.2011			7.5			No agreed ELVs
SW3	downstream		Suspended Solids	14.09.2011			6	mg/L		No agreed ELVs
SW3	downstream		Potassium	14.09.2011			13.7	mg/L		No agreed ELVs
SW3	downstream		Sodium	14.09.2011			35.4	mg/L		No agreed ELVs
SW4	downstream		Dissolved Oxygen	25.01.2011			9.6	mg/L		No agreed ELVs
SW4	downstream		Ammonia (as N)	25.01.2011			1.29	mg/L		No agreed ELVs
SW4	downstream		BOD	25.01.2011			1	mg/L		No agreed ELVs
SW4	downstream		COD	25.01.2011			20	mg/L		No agreed ELVs
SW4	downstream		Chloride	25.01.2011			28.2	mg/L		No agreed ELVs
SW4	downstream		Conductivity	25.01.2011			635			No agreed ELVs
SW4	downstream		pH	25.01.2011			8			No agreed ELVs
SW4	downstream		Suspended Solids	25.01.2011			5	mg/L		No agreed ELVs
SW4	downstream		Potassium	25.01.2011			4.2	mg/L		No agreed ELVs
SW4	downstream		Sodium	25.01.2011			17.7	mg/L		No agreed ELVs

SW4	downstream		Dissolved Oxygen	21.04.2011			10.1	mg/L		No agreed ELVs
SW4	downstream		Ammonia (as N)	21.04.2011			0.185	mg/L		No agreed ELVs
SW4	downstream		BOD	21.04.2011			1	mg/L		No agreed ELVs
SW4	downstream		COD	21.04.2011			25	mg/L		No agreed ELVs
SW4	downstream		Chloride	21.04.2011			26.7	mg/L		No agreed ELVs
SW4	downstream		Conductivity	21.04.2011			667			No agreed ELVs
SW4	downstream		pH	21.04.2011			8.2			No agreed ELVs
SW4	downstream		Suspended Solids	21.04.2011			5	mg/L		No agreed ELVs
SW4	downstream		Potassium	21.04.2011			3.9	mg/L		No agreed ELVs
SW4	downstream		Sodium	21.04.2011			16.7	mg/L		No agreed ELVs
SW4	downstream		Dissolved Oxygen	14.09.2011				mg/L		No agreed ELVs
SW4	downstream		Ammonia (as N)	14.09.2011			0.37	mg/L		No agreed ELVs
SW4	downstream		BOD	14.09.2011			2	mg/L		No agreed ELVs
SW4	downstream		COD	14.09.2011			41	mg/L		No agreed ELVs
SW4	downstream		Chloride	14.09.2011			34.2	mg/L		No agreed ELVs
SW4	downstream		Conductivity	14.09.2011			736			No agreed ELVs
SW4	downstream		pH	14.09.2011			7.9			No agreed ELVs
SW4	downstream		Suspended Solids	14.09.2011			5	mg/L		No agreed ELVs
SW4	downstream		Potassium	14.09.2011			9	mg/L		No agreed ELVs
SW4	downstream		Sodium	14.09.2011			26.2	mg/L		No agreed ELVs
SW5	downstream		Dissolved Oxygen	25.01.2011			9.9	mg/L		No agreed ELVs
SW5	downstream		Ammonia (as N)	25.01.2011			0.745	mg/L		No agreed ELVs
SW5	downstream		BOD	25.01.2011			1	mg/L		No agreed ELVs
SW5	downstream		COD	25.01.2011			18	mg/L		No agreed ELVs
SW5	downstream		Chloride	25.01.2011			26.2	mg/L		No agreed ELVs
SW5	downstream		Conductivity	25.01.2011			640			No agreed ELVs
SW5	downstream		pH	25.01.2011			8.2			No agreed ELVs
SW5	downstream		Suspended Solids	25.01.2011			8	mg/L		No agreed ELVs
SW5	downstream		Potassium	25.01.2011			4	mg/L		No agreed ELVs
SW5	downstream		Sodium	25.01.2011			16.9	mg/L		No agreed ELVs
SW5	downstream		Dissolved Oxygen	21.04.2011			10	mg/L		No agreed ELVs
SW5	downstream		Ammonia (as N)	21.04.2011			0.178	mg/L		No agreed ELVs
SW5	downstream		BOD	21.04.2011			1	mg/L		No agreed ELVs
SW5	downstream		COD	21.04.2011			24	mg/L		No agreed ELVs
SW5	downstream		Chloride	21.04.2011			27.1	mg/L		No agreed ELVs
SW5	downstream		Conductivity	21.04.2011			670			No agreed ELVs
SW5	downstream		pH	21.04.2011			8.2			No agreed ELVs
SW5	downstream		Suspended Solids	21.04.2011			5	mg/L		No agreed ELVs
SW5	downstream		Potassium	21.04.2011			3.9	mg/L		No agreed ELVs
SW5	downstream		Sodium	21.04.2011			16.8	mg/L		No agreed ELVs
SW5	downstream		Dissolved Oxygen	14.09.2011				mg/L		No agreed ELVs
SW5	downstream		Ammonia (as N)	14.09.2011			0.378	mg/L		No agreed ELVs
SW5	downstream		BOD	14.09.2011			2	mg/L		No agreed ELVs
SW5	downstream		COD	14.09.2011			45	mg/L		No agreed ELVs
SW5	downstream		Chloride	14.09.2011			33.6	mg/L		No agreed ELVs
SW5	downstream		Conductivity	14.09.2011			737			No agreed ELVs
SW5	downstream		pH	14.09.2011			7.9			No agreed ELVs
SW5	downstream		Suspended Solids	14.09.2011			5	mg/L		No agreed ELVs
SW5	downstream		Potassium	14.09.2011			9.4	mg/L		No agreed ELVs
SW5	downstream		Sodium	14.09.2011			16.8	mg/L		No agreed ELVs

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

**Table 2 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 3 below

SELECT	Additional information
SELECT	

Was all monitoring carried out in accordance with EPA guidance and checklists for Quality of Aqueous Monitoring [External /Internal Lab Quality](#) [Assessment of Data Reported to the EPA?](#) If no please detail what areas [checklist](#) [results checklist](#)

4 require improvement in additional information box

**Table 3: Licensed Emissions to water and /or wastewater (sewer)-periodic monitoring (non-continuous)**

Emission reference no:	Emission released to	Parameter/ Substance Note 1	Type of sample	Date of Monitoring	Averaging period	ELV or trigger values in licence or any revision thereof <sup>Note 2</sup>	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Method of analysis	Procedural reference source	Procedural reference standard number	Annual mass load (kg)	% change in mass load from previous year +/-	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**

Additional Information

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

If yes please summarise your continuous monitoring data below in Table 4 and compare it to its relevant Emission Limit Value (ELV)

6 Did continuous monitoring equipment experience downtime? If yes please record downtime in table 4 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 5 below

**Table 4: 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)	% compliance current 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 5: 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



Tank and Pipeline assessment reporting-Intensive Agriculture sector only

Additional information if required

- 1 Is it a requirement of your licence to carry out a tank and pipeline assessment for effluent storage on site?
- 2 Is it a requirement of your licence to submit a programme for agreement to the Agency prior to carrying out a tank and pipeline assessment?  
If yes has a programme been submitted to the Agency for agreement on the testing and inspection of under and over-ground effluent storage tanks and pipelines? Please enter date of submission in additional information
- 3 enter date of submission in additional information
- 4 What method has been proposed for the testing of under and over ground effluent storage tanks and pipelines?  
Has the testing and inspection of under and over ground effluent storage tanks and pipelines been completed during the current reporting year? If no please enter date last tank and pipeline assessment was completed in additional information.
- 5 no please enter date last tank and pipeline assessment was completed in additional information.
- 6 If Visual inspection was the method used were any cracks or defects detected? If yes please detail in additional information
- 7 If yes to Q6 have the cracks or defects been repaired successfully? If no please explain in additional information  
If hydrogeological or geophysics investigation methods were used was there any evidence of contamination detected? If yes please detail in additional information
- 8 additional information
- 9 If yes to Q8 please detail proposed or completed remediation work in additional information  
Are there any leak detection systems on site? Please see Department of Agriculture's S126 and EPA guidance on Storage and Bunding of materials for required systems [S126.pdf](#) [bunding and storage guidelines](#)
- 10 guidance on Storage and Bunding of materials for required systems
- 11 From the visual inspections carried out has any discharge been visible in the leak detection inspection chamber? If yes please enter details in table 1
- 12 Was it a requirement of your licence to analyse samples for the current reporting year. If yes please enter details of any samples taken in table 2 below
- 13 When is the next tank and pipeline assessment due?
- 14 Does the licensee consider they are compliant with licence conditions?
- 15 Include details of any other findings of report

SELECT	
SELECT	
SELECT	
SELECT	
SELECT	
SELECT	
SELECT	
SELECT	
SELECT	
SELECT	
SELECT	
SELECT	
SELECT	

**Table 1: Visual inspection of leak detection chamber**

Date	Evidence of discharge	Samples taken (reference in table 2)

**Table 2: Samples collected from leak detection chamber**

Date	Sample frequency	Sample id	Colour/Odour	Parameter	ELV (If applicable)	Measured value
	SELECT					
	SELECT					

**Table 3 Storage capacity for Organic Fertiliser**

Total organic fertiliser storage capacity (m3)	Quantity of organic fertiliser generated by the animals housed on site in previous reporting year	Total quantity of organic fertiliser moved off site and recorded in the organic fertiliser register and "record 3" as submitted to DAFM* in previous reporting year	Quantity of organic fertiliser on site at the start of reporting year	Quantity of organic fertiliser at close of current reporting year	Have records of movement of organic fertiliser (record 3) for the previous calendar year been submitted to DAFM?
					SELECT

\*DAFM -Department of Agriculture Food and Marine



**Groundwater /Contaminated land summary report**

	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 Is there contaminated land and /or groundwater on site? If yes please answer q's 5-12	no
5 Is the contamination related to operations at the facility (either current and/or historic)	no
6 Have actions been taken to address contamination issues?If yes please summarise remediation strategies proposed/undertaken for the site	no
7 Please specify the proposed time frame for the remediation strategy	no
8 Is there a licence condition to carry out/update ELRA for the site?	yes
9 Has any type of risk assesment been carried out for the site?	no
10 Has a Conceptual Site Model been developed for the site?	no
11 Have potential receptors been identified on and off site?	no
12 Is there evidence that contamination is migrating offsite?	no

**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**	% change in average concentration previous year +/-	Upward trend in pollutant concentration over last 5 years of monitoring data
	MW2	D.O.		Quarterly	7.9	7.5	mg/l				SELECT
	MW2	pH		Quarterly	7.6	7.46					
	MW2	Conductivity		Quarterly	802	798					
	MW2	Ammoniacal Nitrogen		Quarterly	0.146	0.118	mg/l				
	MW2	Total Ox Nitrogen		Quarterly	0.138	0.138	mg/l				
	MW2	Chloride		Quarterly	37.4	35.8	mg/l				
	MW2	Total Carbon		Quarterly							
	MW2	Total Organic Carbon		Quarterly	5.58	5.26	mg/l				
	MW2	Total Coliforms		Quarterly	9	4.33					
	MW2	Faecal Coliforms		Quarterly	4	1.33					
	MW2	Phenols		Quarterly	0.15	0.15	mg/l				
	MW2	Sodium		Quarterly	26.4	24.66	mg/l				
	MW2	Potassium		Quarterly	3.5	3.3	mg/l				
	MW2	Iron		Quarterly	340	340	mg/l				
	MW2	Total Phosphorous		Quarterly	0.034	0.034	mg/l				
							SELECT				SELECT

.+ 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**	% change in average concentration previous year +/-	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
	MW3	D.O.		Quarterly	7.2	6.55	mg/l				SELECT
	MW3	pH		Quarterly	7.2	7.07					
	MW3	Conductivity		Quarterly	970	910					
	MW3	Ammoniacal Nitrogen		Quarterly	0.101	0.09	mg/l				
	MW3	Total Ox Nitrogen		Quarterly	0.138	0.14	mg/l				
	MW3	Chloride		Quarterly	23.5	20.43	mg/l				
	MW3	Total Carbon		Quarterly							
	MW3	Total Organic Carbon		Quarterly	5.07	4.64	mg/l				
	MW3	Total Coliforms		Quarterly	5.07	4.67					
	MW3	Faecal Coliforms		Quarterly	0	0					
	MW3	Phenols		Quarterly	0.15	0.15	mg/l				
	MW3	Sodium		Quarterly	17.2	16	mg/l				
	MW3	Potassium		Quarterly	5.9	5.57	mg/l				
	MW3	Iron		Quarterly			mg/l				
	MW3	Total Phosphorous		Quarterly	0.021	0.02	mg/l				SELECT

\* please note exceedance of a relevant Groundwater threshold value (GTV) at a representative monitoring point does not indicate non compliance, an exceedance triggers further investigation to confirm whether the criteria for poor groundwater chemical status are being met.

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

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

**Table 3: Soil results**

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

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





Environmental Management Programme (EMP)/Continuous Improvement Programme

Highlighted cells contain dropdown menu click to view	Additional Information	
1 Do you maintain an Environmental Mangement System 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
SELECT		SELECT		SELECT	SELECT
SELECT		SELECT		SELECT	SELECT
SELECT		SELECT		SELECT	SELECT

**Noise Monitoring Report Summary**

1 Was noise monitoring a licence requirement for the AER period?  
If yes please fill in table 1 noise summary below

Yes

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

[Draft Noise Guidance](#)

Yes

3 Does your site have a noise reduction plan

No

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?

No

**Table 1: Noise monitoring summary**

Date of monitoring	Time period	Noise location (on site)	Noise sensitive location -NSL (if applicable)	LA <sub>eq</sub>	LA <sub>90</sub>	LA <sub>10</sub>	LA <sub>max</sub>	Tonal or Impulsive noise* (Y/N)	If tonal /impulsive noise was identified was 5dB penalty applied?	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is site compliant with noise limits (day/evening/night)?
29/09/2011	13.25-13.55	N1		44	40	46		No	SELECT		Yes
29/09/2011	23.56-00.26	N1		44	40	53		No		Traffic	No
29/09/2011	12.45-13.15	N4		49	44	52		No			Yes
29/09/2011	23.20-23.50	N4		45	42	49		No		Traffic	No
29/09/2011	14.04-14.34	N6		53	45	56		No			Yes
29/09/2011	22.43-23.13	N6		46	44	52		No		Traffic	No
29/09/2011	14.42-14.34	N7		54	45	56		No			Yes
29/09/2011	22.00-22.30	N7		45	40	49		No		Traffic	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?

SELECT

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

Any additional comments? (less than 200 words)

Resource usage/ Energy Efficiency

		Additional information
1	When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below	
2	Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI programme linked to the right? If yes please list them in additional information <small style="margin-left: 400px;"><a href="#">SEAI - Large Industry Energy Network (LIEN)</a></small>	no
3	Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information	no

Table 1 Energy usage on site				
Energy Use	Previous year kWh	Current year kWh	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total				
Electricity	100,125units	125350units		
Fossil Fuels:				
Heavy Fuel Oil				
Light Fuel Oil	11909litres	9175litres		
Natural gas				
Coal/Solid fuel				
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 2 Water usage on site				
Water use	Previous year m3/yr.	Current year m3/yr.	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Groundwater				
Surface water				
Public supply	102	510		
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 3: 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					

**SECTION A-PRTR 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)  No  Additional information

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

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 <i>Please enter an accurate and detailed description - which European Waste Catalogue EWC codes</i>	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 -
	07 05 04*	07- WASTES FROM ORGANIC CHEMICAL PROCESSES	other organic solvents, washing liquids and mother liquors	22	12	83%		0%	SELECT		Brought onto site from sister IPPC plant
	20 01 08	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	biodegradable kitchen and canteen waste	10	20	-50%		0%	SELECT		
		SELECT					#DIV/0!		SELECT		
		SELECT					#DIV/0!		SELECT		

**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  SELECT

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  SELECT

6 Does your facility have relevant nuisance controls in place?  SELECT

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

8 Do you maintain a sludge register on site?  SELECT

**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
e.g. Household (residual)	30,000	22,000		
e.g. Industrial non hazardous solids	500	60	120,000	

**Table 3 General information-Landfill only**

Area ID	Date landfilling commenced	Date landfilling ceased	Currently landfilling	Private or Public Operated	Inert or non-hazardous	Predicted date to cease landfilling	Licence permits asbestos	Is there a separate cell for asbestos?	Accepted asbestos in reporting year	Total disposal area occupied by waste	Lined disposal area occupied by waste	Unlined area	Comments on liner type
										SELECT UNIT	SELECT UNIT	SELECT UNIT	
Cell 8			No	Public	Non Hazardous		No	No	No				

**Table 4 Environmental monitoring-landfill or 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 S3(A)(5) of WMA been submitted in reporting year	Comments
yes	yes	yes	yes	No	No	Yes	No	

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

**Table 5 Capping-Landfill only**

Area uncapped*	Area with temporary cap	Area with final cap to LD Standard 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
20000	20000	35000	0		1mm lidpe	

\*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?  Yes  No

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

Volume of leachate in reporting year(m3)	Leachate (BOD) mass load (kg/annum)	Leachate (COD) mass load (kg/annum)	Leachate (NH4) mass load (kg/annum)	Leachate (Chloride) mass load kg/annum	Leachate treatment on-site	Specify type of leachate treatment	Comments
34780					ch4 stripping plant		

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

**Table 7 Landfill Gas-Landfill only**

Gas Captured&Treated by LFG System m3	Power generated (MW / KWh)	Used on-site or to national grid	Was surface emissions monitoring performed during the reporting year?	Comments
725589m3CH4	no	no	Yes	



[Guidance to completing the PRTR workbook](#)

# AER Returns Workbook

Version 1.1.13

<b>REFERENCE YEAR</b>	2011
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## 1. FACILITY IDENTIFICATION

Parent Company Name	Mayo County Council
Facility Name	Rathroeen Landfill
PRTR Identification Number	W0067
Licence Number	W0067-02

Waste or IPPC Classes of Activity

No.	class_name
3.1	Deposit on, in or under land (including landfill). Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned is produced.
3.13	Specially engineered landfill, including placement into lined discrete cells which are capped and isolated from one another and the environment.
3.5	Storage of waste intended for submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced.
4.13	Recycling or reclamation of metals and metal compounds.
4.4	Recycling or reclamation of other inorganic materials.
Address 1	Rathroeen
Address 2	Ballina
Address 3	Co Mayo
Address 4	
	Mayo
Country	Ireland
Coordinates of Location	-6.11271 52.9597
River Basin District	IEWE
NACE Code	3821
Main Economic Activity	Treatment and disposal of non-hazardous waste
<b>AER Returns Contact Name</b>	Michael Hegarty
<b>AER Returns Contact Email Address</b>	mhegarty@mayococo.ie
<b>AER Returns Contact Position</b>	Landfill deputy manager
<b>AER Returns Contact Telephone Number</b>	09675959
<b>AER Returns Contact Mobile Phone Number</b>	0872046722
<b>AER Returns Contact Fax Number</b>	09624055
<b>Production Volume</b>	0.0
<b>Production Volume Units</b>	
<b>Number of Installations</b>	0
<b>Number of Operating Hours in Year</b>	0
<b>Number of Employees</b>	6
<b>User Feedback/Comments</b>	
<b>Web Address</b>	

## 2. PRTR CLASS ACTIVITIES

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

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

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

4.1 RELEASES TO AIR

[Link to previous years emissions data](#)

| PRTR# : W0067 | Facility Name : Rathroeen Landfill | Filename : W0067\_2011(1)PRTR.xls | Return Year : 2011 |

30/03/2012 12:06

**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/Yea	F (Fugitive) KG/Yea	
01	Methane (CH4)	C	OTH			178627.0	178627.0	0.0	0.0
03	Carbon dioxide (CO2)	C	OTH			3949299.0	3949299.0	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/Yea	F (Fugitive) KG/Yea	
						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/Yea	F (Fugitive) KG/Yea	
						0.0	0.0	0.0	0.0

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

**Additional Data Requested from Landfill operators**

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

Landfill:		Rathroeen Landfill			
Please enter summary data on the quantities of methane flared and / or utilised		Method Used			Facility Total Capacity m3 per hour
T (Total) kg/Year		M/C/E	Method Code	Designation or Description	
Total estimated methane generation (as per model)	904216.0	M	OTH	mun	N/A
Methane flared	725589.0	M	OTH	mun	300.0 (Total Flaring Capacity)
Methane utilised in engines	0.0				0.0 (Total Utilising Capacity)
Net methane emission (as reported in Section above)	178627.0	C	oth	min	N/A

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

| PRTR# : W0067 | Facility Name : Rathroen Landfill | Filename : W0067\_2011(1)PRTR.xls | Return Year : 2011 |

30/03/2012 12:07

Please enter all quantities on this sheet in Tonnes

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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	20 01 02	No	87.46	glass	R5	M	Weighed	Offsite in Ireland	Repak,Exempt	Cork,.....Ireland Crag Avenue,Clondalkin Industrial Estate,Dublin ,Ireland		
Within the Country	20 01 40	No	4.94	metals (aluminium cans)	R4	M	Weighed	Offsite in Ireland	Greyhound Recycling,W0047	22,Dublin ,Ireland Clogher,Westport,Mayo,Mayo ,Ireland		
Within the Country	20 01 01	No	195.38	paper and cardboard (paper)	R5	M	Weighed	Offsite in Ireland	Stanley Bourke,CW050	Crag Avenue,Clondalkin Industrial Estate,Dublin		
Within the Country	20 01 01	No	84.88	paper and cardboard (cardboard)	R5	M	Weighed	Offsite in Ireland	Greyhound Recycling,W0047	22,Dublin ,Ireland Crag Avenue,Clondalkin Industrial Estate,Dublin		
Within the Country	15 01 05	No	6.06	composite packaging (tetra Paks)	R5	M	Weighed	Offsite in Ireland	Greyhound Recycling,W0047	22,Dublin ,Ireland Deep Water Quay,Finiskin,Sligo,Sligo,Irel and		
Within the Country	20 01 40	No	16.02	metals (steel cans)	R5	M	Weighed	Offsite in Ireland	Erin Recyclers,CW206	Crag Avenue,Clondalkin Industrial Estate,Dublin		
Within the Country	15 01 02	No	27.98	plastic packaging (Pet & HDPE)	R5	M	Weighed	Offsite in Ireland	Greyhound Recycling,W0047	22,Dublin ,Ireland		
Within the Country	20 01 39	No	26.12	plastics (Hard plastics)	R5	M	Weighed	Offsite in Ireland	Barna Waste ,W0106-02	Carrowbrown,headford Road,Galway,Galway,Ireland		
Within the Country	17 02 01	No	374.7	wood	R3	M	Weighed	Offsite in Ireland	Rathroen Landfill,W0067-2	Rathroen Landfill,Killala Road,Ballina,Ballina,Ireland		
Within the Country	20 01 40	No	107.56	metals (scrap metals)	R4	M	Weighed	Offsite in Ireland	Galway Metal Co,Cw004	Oranmore,galway,Galway,Geiway,Ireland		
Within the Country	20 01 10	No	26.32	clothes discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20	R3	M	Weighed	Offsite in Ireland	Textile Recycling,WPR 14	Belgard Road,Tallaght,Tallaght,Dublin ,Ireland		
Within the Country	20 01 36	No	231.34	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20	R4	M	Weighed	Offsite in Ireland	KMK Metals,W0113-02	Cappinure Ind Estate,Daingean Rd,Tullamore,Offaly,Ireland		
Within the Country	20 01 36	No	24.42	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20	R4	M	Weighed	Offsite in Ireland	KMK Metals,W0113-02	Cappinure Ind Estate,Daingean Rd,Tullamore,Offaly,Ireland		
Within the Country	20 01 21	Yes	0.37	fluorescent tubes and other mercury-containing waste	R4	M	Weighed	Offsite in Ireland	KMK Metals,W0113-02	Cappinure Ind Estate,Daingean Rd,Tullamore,Offaly,Ireland	KMK Metals,W0113-02,Cappinure Ind Est,Daingean	Cappinure Ind Est,Daingean Rd,Tullamore,Offaly,Ireland
Within the Country	17 08 02	No	16.2	gypsum-based construction materials other than those mentioned in 17 08 01	R5	M	Weighed	Offsite in Ireland	Barna Waste ,W0106-02	Carrowbrown,headford Road,Galway,Galway,Ireland		
Within the Country	16 01 03	No	8.44	end-of-life tyres	R5	M	Weighed	Offsite in Ireland	Greyhound Recycling,W0047	22,Dublin ,Ireland Crag Avenue,Clondalkin Industrial Estate,Dublin		
Within the Country	15 01 02	No	2.1	plastic packaging (polystyrene)	R5	M	Weighed	Offsite in Ireland	Greyhound Recycling,W0047	22,Dublin ,Ireland		
Within the Country	20 02 01	No	8.36	biodegradable waste (green waste) batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these	R5	M	Weighed	Offsite in Ireland	Barna Waste ,W0106-02	Carrowbrown,headford Road,Galway,Galway,Ireland		
Within the Country	20 01 33	Yes	4.8	batteries	R4	M	Weighed	Offsite in Ireland	KMK Metals,W0113-02	Cappinure Ind Estate,Daingean Rd,Tullamore,Offaly,Ireland	KMK Metals,W0113-02,Cappinure Ind Est,Daingean	Cappinure Ind Est,Daingean Rd,Tullamore,Offaly,Ireland
Within the Country	20 01 25	No	2.16	edible oil and fat	R9	M	Weighed	Offsite in Ireland	Greyhound Recycling,W0047	22,Dublin ,Ireland		
Within the Country	20 01 26	Yes	4.52	oil and fat other than those mentioned in 20 01 25 batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these	R9	M	Weighed	Offsite in Ireland	Enva,W184-01	Clonmiann Ind Estate,Portlaois,Portlaois,Laois,Ireland	Enva,W0184-01 Clonminam Ind Est,Portlaoise,Laoise,Laoise,Ireland	
Within the Country	20 01 33	Yes	6.06	batteries	R4	M	Weighed	Offsite in Ireland	Rialta,W0192-02	Greenouge Ind Estate,Rathcoole,Dublin,Dublin,Ireland	Rialta ,W0192-02,Greenouge Ind Es,Rathcoole,Dublin,Dublin,Ireland	Greenouge Ind Es,Rathcoole,Dublin,Dublin,Ireland
Within the Country	20 01 02	No	11.88	glass (window Glass)	R5	M	Weighed	Offsite in Ireland	Barna Waste ,W0106-02	Carrowbrown,headford Road,Galway,Galway,Ireland		
Within the Country	20 03 01	No	2710.44	mixed municipal waste	D1	M	Weighed	Offsite in Ireland	Derrinnumera Landfill,W0021-2	Newport,Newport,Newport,Ireland		
To Other Countries	16 05 04	Yes	3.48	gases in pressure containers (including halons) containing dangerous substances	D10	M	Weighed	Abroad	Eco Safe Systems,W0054-02	Unit 1,Allied Ind Est,Kylemore Rd,Dublin 10,Ireland	Recyfuel,SA BE 459735458,Zoning Ind Est,D'Hein,Eingis,B4480,Belgium	Zoning Ind Est,D'Hein,Eingis,B4480,Belgium

\* 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](#)