

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

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

Facility Information Summary	
AER Reporting Year	2013
Licence Register Number	W0163-01
Name of site	Bergin Waste Disposal Ltd.
Site Location	Ballaghaderreen, County Roscommon
NACE Code	3821
Class/Classes of Activity	50.1
National Grid Reference (6E, 6 N)	161255E, 295035N
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 <b>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.</b>	Barna Recycling operators a Waste Transfer Station and Recycling Facility at Ballaghaderreen Industrial Estate, Ballaghaderreen, County Roscommon. The facility currently operators in accordance with a Waste Licence W0163-01, under this licence Barna Recycling is licensed to accept non-hazardous waste consisting of household, commercial, and construction and demolition waste. The maximum annual quantity of waste to be accepted at the facility is 19,700 tpa, the total quantity accepted at the premises in the reporting peroid was 19,699. The primary functions of the facility are to segregate waste, recycle waste and to bulk waste prior to transportation to recovery facillities or licensed landfills/incinerator. Infrastructure work carried out in 2013 consisted of "reworking of the existing drainage in and adjacent to the transfer building, "development of the yard area to the North East of the site" "extension and weathering of existing transfer building. Following the completion of the infrastructure work the EPA gave us permission to store recoverable materials outdoors namely "green waste/inert soil. Metal/steel, C&D/Rubble, plastic & waste tyres" at the allocated location. Trigger levels for Surface Water where requested by EPA , the trigger levels where set and the agency approved them. We had one exceedances of licence limit in January receptor was Foul water the Total Phosphates where elevated due to adverse weather preventative action was implemented.

#### Declaration:

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

<u><i>Ann Clarke</i></u>	<u><i>31st March 2014</i></u>
Signature	Date
Group/Facility manager	
(or nominated, suitably qualified and experienced deputy)	

**AIR-summary template**

Lic No:

W0163-01

Year

2013

Answer all questions and complete all tables where relevant

1

Yes	
-----	--

**Periodic/Non-Continuous Monitoring**

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

No	
Yes	

3 Was all monitoring carried out in accordance with EPA guidance note AG2 and using the basic air monitoring checklist?

[Basic air monitorin](#)[AGN2](#)**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
Emmission Point 1	Dust	3 times a year	No	350 (mg/m <sup>2</sup> /day)	38.33333333	mg/m <sup>2</sup> /day	yes	PER	2300	
Emmission Point 2	Dust	3 times a year	No	350 (mg/m <sup>2</sup> /day)	33.33333333	mg/m <sup>2</sup> /day	yes	PER	2000	
Emmission Point 3	Dust	3 times a year	No	350 (mg/m <sup>2</sup> /day)	31	mg/m <sup>2</sup> /day	yes	PER	1860	
	SELECT			SELECT		SELECT	SELECT	SELECT		

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

<b>AIR-summary template</b>	Lic No:	W0163-01	Year	2013
<b>Continuous Monitoring</b>				

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)	<input type="text" value="No"/>	
5	Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below	<input type="text" value="SELECT"/>	
6	Do you have a proactive service agreement for each piece of continuous monitoring equipment?	<input type="text" value="SELECT"/>	
7	Did your site experience any abatement system bypasses? If yes please detail them in table A3 below	<input type="text" value="SELECT"/>	

**Table A2: Summary of average emissions -continuous monitoring**

Emission reference no:	Parameter/ Substance	ELV in licence or any revision thereof	Averaging Period	Compliance Criteria	Units of measurement	Annual Emission	Annual maximum	Monitoring Equipment downtime (hours)	Number of ELV exceedences in current reporting year	Comments
	<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





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

2 Was it a requirement of your licence to carry out visual inspections on any surface water discharges or watercourses on or near your site? If yes please complete table W2 below summarising only any evidence of contamination noted during visual inspections

Additional information	
Yes	
Yes	

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
FW1	downstream	None	BOD	January, April, July & October	350	All values < ELV	30	mg/L	yes	
FW1	downstream	None	COD	January, April, July & October	500	All values < ELV	96.5	mg/L	yes	
FW1	downstream	None	Suspended Solids	January, April, July & October	300	All values < ELV	12.75	mg/L	yes	
FW1	downstream	Total phosphorus	Total phosphorus	January, April, July & October	2	All values < ELV	1.3875	mg/L	no (if no please enter details in comments box)	Elevated water levels in January due to flooding in the stream
SD1	downstream									No samples analysed for SD1 monitoring point in 2013 due to construction work being carried out on site
SW1	upstream	None	Mineral oils	January, April, July & October	5	All values < ELV	0.24375	mg/L	yes	
SW2	downstream	None	Mineral oils	January, April, July & October	5	All values < ELV	0.08125	mg/L	yes	

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

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

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

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

3 Was there any result in breach of licence requirements? If yes please provide brief details in the comment section of Table W3 below

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

Additional information	
SELECT	
SELECT	

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

Emission reference no:	Emission released to	Parameter/ Substance <sup>Note 1</sup>	Type of sample	Frequency 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)	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?

SELECT

If yes please summarise your continuous monitoring data below in Table W4 and compare it to its relevant Emission Limit Value (ELV)

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

SELECT

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

SELECT

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

SELECT

**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
	SELECT	SELECT		SELECT	SELECT	SELECT					
	SELECT	SELECT		SELECT	SELECT	SELECT					

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

**Table W5: Abatement system bypass reporting table**

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

\*Measures taken or proposed to reduce or limit bypass frequency



**Bund testing**

dropdown menu click to see options

Additional information

Are you required by your licence to undertake integrity testing on bunds and containment structures? If yes please fill out table B1 below listing all **new bunds and containment structures** on site, in addition to all bunds which failed the integrity test-all **bundings structures which failed including mobile bunds must be listed in the table below, please include all bunds outside the licenced testing period** (mobile bunds and chemstore included)

1 Please provide integrity testing frequency period

2 Does the site maintain a register of bunds, underground pipelines (including stormwater and foul), Tanks, sumps and containers? (containers refers to "Chemstore" type units and mobile bunds)

3 How many bunds are on site?

4 How many of these bunds have been tested within the required test schedule?

5 How many mobile bunds are on site?

6 Are the mobile bunds included in the bund test schedule?

7 How many of these mobile bunds have been tested within the required test schedule?

8 How many sumps on site are included in the integrity test schedule?

9 How many of these sumps are integrity tested within the test schedule?

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?

Yes	Additional information We have a Map & DVD on site, we have implemented a Record Sheet for Bund Testing
3 years	
Yes	
One	
All	
One	
No	
None	
N/A	
N/A	
N/A	
N/A	
N/A	

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

Bund/Containment structure ID	Type	Specify Other type	Product containment	Actual capacity	Capacity required*	Type of integrity test	Other test type	Test date	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
Not Applicable	reinforced concrete	N/A	25% of total storage volume: 1.54m³	6.15³	110% of volume of largest vessel: 2.75m³	Other (please specify)	Hydrostatic	4&5/10/2011	Yes	Pass		SELECT		
	SELECT					SELECT			SELECT	SELECT		SELECT		

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

14 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	
Yes	
Yes	
Yes	

**Pipeline/underground structure testing**

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

1 Please provide integrity testing frequency period

2 \*please note integrity testing means water tightness testing for process and foul pipelines (as required under your licence)

Yes	
3 years	

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

Structure ID	Type system	Material of construction:	Does this structure have Secondary containment?	Type of secondary containment	Type integrity testing	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Schedule d date for retest	Results of retest(if in current reporting year)
1	Foul	other(please specify) Polyvinyl Chloride	Yes	Pipe in channel	CCTV	Yes	Pass				SELECT
2	Foul	other(please specify) Polyvinyl Chloride	Yes	Pipe in channel	CCTV	Yes	Pass				
3	Foul	other(please specify) Polyvinyl Chloride	Yes	Pipe in channel	CCTV	Yes	Pass				
4	Foul	other(please specify) Polyvinyl Chloride	Yes	Pipe in channel	CCTV	Yes	Pass				
5	Foul	other(please specify) Polyvinyl Chloride	Yes	Pipe in channel	CCTV	Yes	Pass				
6	Foul	other(please specify) Polyvinyl Chloride	Yes	Pipe in channel	CCTV	Yes	Pass				
7	Foul	other(please specify) Polyvinyl Chloride	Yes	Pipe in channel	CCTV	Yes	Pass				
8	Storm	other(please specify) Polyvinyl Chloride	Yes	Pipe in channel	CCTV	Yes	Pass				
9	Storm	other(please specify) Polyvinyl Chloride	Yes	Pipe in channel	CCTV	Yes	Pass				
10	Storm	other(please specify) Polyvinyl Chloride	Yes	Pipe in channel	CCTV	Yes	Pass				

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

		Comments	
1	Are you required to carry out groundwater monitoring as part of your licence requirements?	no	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
2	Are you required to carry out soil monitoring as part of your licence requirements?	SELECT	
3	Do you extract groundwater for use on site? If yes please specify use in comment section	SELECT	
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. <a href="#">Groundwater monit</a>	SELECT	
5	Is the contamination related to operations at the facility (either current and/or historic)	SELECT	
6	Have actions been taken to address contamination issues?If yes please summarise remediation strategies proposed/undertaken for the site	SELECT	
7	Please specify the proposed time frame for the remediation strategy	SELECT	
8	Is there a licence condition to carry out/update ELRA for the site?	SELECT	
9	Has any type of risk assesment been carried out for the site?	SELECT	
10	Has a Conceptual Site Model been developed for the site?	SELECT	
11	Have potential receptors been identified on and off site?	SELECT	
12	Is there evidence that contamination is migrating offsite?	SELECT	

**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
							SELECT			SELECT
							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**	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
							SELECT			SELECT
							SELECT			SELECT

<b>Groundwater/Soil monitoring template</b>	Lic No:	W0163-01	Year	2013
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\*please note exceedance of generic assessment criteria (GAC) such as a Groundwater Threshold Value (GTV) or an Interim Guideline Value (IGV) or an upward trend in results for a substance indicates that further interpretation of monitoring results is required. In addition to completing the above table, please complete the Groundwater Monitoring Guideline Template Report at the link provided and submit separately through ALDER as a licensee return or as otherwise instructed by the EPA. [Groundwater monitoring template](#)

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

\*\*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 Groundwater re Drinking water \(priv Drinking water \(public supply\) Interim Guideline Value\)](#)

**Groundwater/Soil monitoring template**

Lic No:

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Year

2013

**Table 3: Soil results**

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

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

**Environmental Liabilities template**

Lic No:

W0163-01

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

			Commentary
1	ELRA initial agreement status	Submitted and agreed by EPA	
2	ELRA review status	Review required and completed	
3	Amount of Financial Provision cover required as determined by the latest ELRA	€25,000.00	
4	Financial Provision for ELRA status	Submitted and agreed by EPA	
5	Financial Provision for ELRA - amount of cover	€25,000.00	
6	Financial Provision for ELRA - type	bond	
7	Financial provision for ELRA expiry date	expiry of licence	
8	Closure plan initial agreement status	Closure plan submitted and agreed by EPA	
9	Closure plan review status	Review required and completed	
10	Financial Provision for Closure status	Submitted and agreed by EPA	
11	Financial Provision for Closure - amount of cover	€25,000.00	
12	Financial Provision for Closure - type	bond	
13	Financial provision for Closure expiry date	expiry of licence	

Year

2013

Environmental Management Programme/Continuous Improvement Programme template		Lic No:	W0163-01	Year	2013
Highlighted cells contain dropdown menu click to view		Additional Information			
1	Do you maintain an Environmental Management System (EMS) for the site. If yes, please detail in additional information	Yes	Submitted to the EPA on 24.05.2002		
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	Communication Procedure is part of facility EMS		

### Environmental Management Programme (EMP) report

Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
Waste reduction/Raw material usage efficiency	In 2013 we aimed to Recycle 45% of all waste received in reporting year, and review recycling and disposal tonnages on a monthly basis and identify methods to increase rates, if possible. In 2014 we aim to recycle 41% of all waste received in reporting year.	70	In 2013 we reviewed our recycling and disposal tonnage on a monthly basis. A recycling rate of 40% was achieved, we did not achieve our projected target to recycle 45% of all waste received in 2013 we aim to identify methods to increase rates in 2014, if possible.	Section Head	Improved Environmental Management Practices
Materials Handling/Storage/Bunding	In 2013 we aimed to review our waste tonnage on a monthly basis to comply with our waste licence acceptance limit. In 2014 we will continue to review our waste tonnage on a monthly basis to achieve compliance with our licence acceptance limits.	90	The maximum annual quantity of waste to be accepted at the facility is 19,700 tpa. The total quantity of waste accepted at the premises in the reporting period was 19,699 tonnes: we achieved our licence acceptance limit for 2013.	Section Head	Increased compliance with licence conditions
Monitoring Labels	In 2013 we aimed to ensure all monitoring labels were installed at there destinated monitoring points when all the construction work was complete on site. In 2014 we aim to ensure all monitoring points are maintain to our licence requirements.	90	D2 & D3 monitoring labels were put back up at there destinated monitoring points when the construction work was complete on site in 2013.	Section Head	Increased compliance with licence conditions

Environmental Management Programme/Continuous Improvement Programme template				Lic No:	W0163-01	Year	2013
Site Development	<p>In 2013 development of the yard area to the North East of the site was approved by EPA.</p> <p>In 2014 we aim to completed the tar and chip in the North East area of the site. The proposal to relocate the civic amenity area to the North East yard is on hold to be scheduled at a later date.</p>	70	<p>Development of the yard to the North East of the site has been completed " the existing concrete hardstanding has been extended along the North West boundary of the site and six concrete storage bunkers are complete" &amp; "the relocation of the wash bay to the East corner of the new concrete hardstanding was completed" it was also proposed that the remainder of the yard area be surfaced with a tar and chip finish which will be applied at a later date as agreed.</p>	Section Head	Increased compliance with licence conditions		
Infrastructure Improvement	<p>In 2013 proposed additional infrastructure works was approved by the EPA; "reworking of existing drainage in and adjacent to the transfer building" &amp; "extension and weathering of existing transfer building".</p>	90	<p>The proposed additional infrastructure work proposed to be carried out in 2013 was carried out.</p>	Section Head	Installation of infrastructure		



**Noise monitoring summary report** Lic No: W0163-01      Year 2013

- 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 Guida](#)
- 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 <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)?
24.06.13	3X30 Minutes	N1:- Outside main gate of site		56.1,55.4, 58.4	47.2,45.9,49.4	57.3,57.8,59	81.75.3,80.4	No	SELECT	Heavy vehicles & cars entering & exiting the site	No
24.06.13	3X30 Minutes		N5:- Entrance to industrial Estate	59.4,60.3,60.7	52.8,44.3,56.1	60.6,60.3,60.6	81,82.6,87.3	No		Generator at factory near by , traffic & lawnmower near by	Yes
24.06.13	3X30 Minutes		N6:- 250m North West of the site	50.5, 50.1	47.2,47.4	52.5,52,	71.7,64.2	No		Occasional bang & clang from site	Yes
24.06.13	3X30 Minutes		N7:- 200m South West of the site	40.3,39.4,38.1	32.7,34.8,33.1	41.2,41.9,41	68.6,58.7,52.6	No		Occasional bang & clang from site	Yes

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

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

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

Only two 30 minute reading were taken at N6 location due to time limitation.

## Resource Usage/Energy efficiency summary

Lic No:

W0163-01

Year

2013

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

2 Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI programme linked to the right? If yes please list them in additional information [SEAI - Large Industry](#) 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 N/A

## Additional information

Enter date of audit	Not required by our licence

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)	N/A	N/A	N/A	
Total Energy Generated (MWHrs)	N/A	N/A	N/A	
Total Renewable Energy Generated (MWHrs)	N/A	N/A	N/A	
Electricity Consumption (MWHrs)	13649	53888	N/A	
Fossil Fuels Consumption:	N/A	N/A	N/A	
Heavy Fuel Oil (m3)	N/A	N/A	N/A	
Light Fuel Oil (m3)	N/A	N/A	N/A	
Natural gas (m3)	N/A	N/A	N/A	
Coal/Solid fuel (metric tonnes)	N/A	N/A	N/A	
Peat (metric tonnes)	N/A	N/A	N/A	
Renewable Biomass	N/A	N/A	N/A	
Renewable energy generated on site	N/A	N/A	N/A	

\* 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 <sup>3</sup> /yr):	Volume used i.e not discharged to environment e.g. released as steam m3/yr	Unaccounted for Water:
Groundwater	N/A						
Surface water	N/A						
Public supply	N/A						
Recycled water	N/A						
Total							

**Resource Usage/Energy efficiency summary**

Lic No:

W0163-01

Year

2013

\* 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)	N/A				
Non-Hazardous (Tonnes)	N/A				

<b>Resource Usage/Energy efficiency summary</b>	Lic No: W0163-01	Year	2013
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Table R4: Energy Audit finding recommendations								
Date of audit	Recommendations	Description of Measures proposed	Origin of measures	Predicted energy savings %	Implementation date	Responsibility	Completion date	Status and comments
Not a requirement of our licence			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	N/A				
Primary Fuel	N/A				
Thermal Efficiency	N/A				
Unit Date of Commission	N/A				
Total Starts for year	N/A				
Total Running Time	N/A				
Total Electricity Generated (GWH)	N/A				
House Load (GWH)	N/A				
KWH per Litre of Process Water	N/A				
KWH per Litre of Total Water used on	N/A				

**Complaints and Incidents summary template** Lic No: W0163-01 Year 2013

**Complaints**

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

No	Additional information
----	------------------------

**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
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		
Total complaints open at start of reporting year							
Total new complaints received during reporting year							
Total complaints closed during reporting year							
Balance of complaints end of reporting year							

**Incidents**

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

Yes	Additional information
-----	------------------------

\*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
24.01.13	Breach of ELV	Licenced discharge point (ty	1. Minor	Sewer	Adverse weather		Construction	EPA	New	Mornitoring & recording of heavy rain fall	Weekly Foul Water check sheet	Complete	N/A	Low
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
Total number of incidents current year	1													
Total number of incidents previous year	0													
% reduction/increase	N/A													

<b>WASTE SUMMARY</b>	Lic No: W0163-01	Year: 2013
<b>SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES</b>	<a href="#">PRTR facility login</a>	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)

If yes please enter details in table 1 below

Additional Information

Yes	
-----	--

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

No	
----	--

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

No	
----	--

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

Licensed annual tonnage limit for your site (total tonnes/annum)	EWC code	Source of waste accepted	Description of waste accepted Please enter an accurate and detailed description - which applies to relevant EWC code	Quantity of waste accepted in current reporting year (tonnes)	Quantity of waste accepted in previous reporting year (tonnes)	Reduction/ Increase over previous year +/- %	Reason for reduction/ increase from previous reporting year	Packaging Content (%) - only applies if the waste has a packaging component	Disposal/Recovery or treatment operation carried out at your site and the description of this operation	Quantity of waste remaining on site at the end of reporting year (tonnes)	Comments -
19,700	20 03 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	<a href="#">European Waste Catalogue</a> Mixed Municipal Waste	11761	11909		Reduction due to diversion to Barna site in Co. Leitrim to keep within our licensed waste acceptance limit	0%	D13- Blending or mixing prior to submission to any of the operations numbered D1 to D12	20	
	20 01 99	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	<a href="#">European Waste Catalogue</a> Mixed Dry Recyclables	2984	4741		Reduction due to diversion to Barna site in Co. Leitrim to keep within our licensed waste acceptance limit	33% packaging & 67% non-packaging	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	10	
	20 01 08	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Biodegradable Kitchen & Canteen Waste	589	2		increase due to the introduction of brown bins to Commercial / Domestic customers	0% pyrolysis	R3-Recycling/reclamation or organic substances which are not used as solvents(including composting asanother biological transformation processes)which includes gasification and	0	
	20 01 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Paper	6	75		Reduction due to paper being put in recycling / biodegradable bin	52% pyrolysis	R3-Recycling/reclamation or organic substances which are not used as solvents(including composting asanother biological transformation processes)which includes gasification and	0	
	20 01 10	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Clothes	1	0.68		Slightly varies from year to year	0%	R5-Recycling/reclamation or other inorganic materials which includes soil celaning resulng in recovery of the soil and recycling of inorganic construction materials	0	
	20 01 36	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Discarded Electrical & Electronic Equipment	4	4		Slightly varies from year to year	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	5	

		20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS					Varies from year to year		R11-Use of waste obtained from any of the operations numbered		
	20 01 38		Wood	104	188			0%	R1 to R10	40	
	20 01 39	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Plastic	74	97		Slightly varies from year to year	48%	R5-Recycling/reclamation or other inorganic materials which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials	0	
	20 01 40	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Metals	97	287		Reduction due to less metals in waste bins	0%	R4- Recycling/reclamation of metals and metal compounds	15	
	20 02 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Biodegradable Waste	55	54		Slightly varies from year to year	0%	R3-Recycling/reclamation or organic substances which are not used as solvents(including composting as another biological transformation processes)which includes gasification and pyrolysis	10	
	20 02 02	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Rubble & Soil	612	1239		Reduction due to diversion to Barna site in Co. Leitrim to keep within our licensed waste acceptance limit	0%	R5-Recycling/reclamation or other inorganic materials which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials	30	
	15 01 01	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Cardboard Packaging	662	840		Reduction due to diversion to Barna site in Co. Leitrim to keep within our licensed waste acceptance limit	100%	R3-Recycling/reclamation or organic substances which are not used as solvents(including composting as another biological transformation processes)which includes gasification and pyrolysis	5	
	15 01 02	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Plastic Packaging	15	13		Slightly varies from year to year	52% Packaging & 48% non-Packaging	R5-Recycling/reclamation or other inorganic materials which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials	0	
	15 01 07	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Glass Packaging	24	38		Slightly varies from year to year	100%	R5-Recycling/reclamation or other inorganic materials which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials	16	
	16 06 01*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	Lead Batteries	1	2		Slightly varies from year to year	0%	R5-Recycling/reclamation or other inorganic materials which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials	3	
	16 01 03	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	End-of-life Tyres	0	10		Tyres in skips	0%	R5-Recycling/reclamation or other inorganic materials which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials	10	





**Table 4 Environmental monitoring-landfill only** [Landfill Manual-Monitoring Standards](#)

Was meteorological monitoring in compliance with Landfill Directive (LD) standard in reporting year +	Was leachate monitored in compliance with LD standard in reporting year	Was Landfill Gas monitored in compliance with LD standard in reporting year	Was SW monitored in compliance with LD standard in reporting year	Have GW trigger levels been established	Were emission limit values agreed with the Agency (ELVs)	Was topography of the site surveyed in reporting year	Has the statement under S53(A)(5) of WMA been submitted in reporting year	Comments

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

**Table 5 Capping-Landfill only**

Area uncapped*	Area with temporary cap	Area with final cap to LD Standard m <sup>2</sup> ha, a	Area capped other	Area with waste that should be permanently capped to date under licence	What materials are used in the cap	Comments
SELECT UNIT	SELECT UNIT					

\*please note this includes daily cover area

**Table 6 Leachate-Landfill only**

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

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

Volume of leachate in reporting year(m <sup>3</sup> )	Leachate (BOD) mass load (kg/annum)	Leachate (COD) mass load (kg/annum)	Leachate (NH4) mass load (kg/annum)	Leachate (Chloride) mass load kg/annum	Leachate treatment on-site	Specify type of leachate treatment	Comments

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

**Table 7 Landfill Gas-Landfill only**

Gas Captured&Treated by LFG System m <sup>3</sup>	Power generated (MW / KWh)	Used on-site or to national grid	Was surface emissions monitoring performed during the reporting year?	Comments
			SELECT	

[Guidance to completing the PRTR workbook](#)

# AER Returns Workbook

Version 1.1.18

**REFERENCE YEAR** 2013

## 1. FACILITY IDENTIFICATION

Parent Company Name	Bergin Waste Disposal Limited
Facility Name	Bergin Waste Disposal Limited
PRTR Identification Number	W0163
Licence Number	W0163-01

Waste or IPPC Classes of Activity

No.	class_name
3.11	Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this Schedule.
3.12	Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.
3.13	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.
4.11	Use of waste obtained from any activity referred to in a preceding paragraph of this Schedule.
4.13	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.
4.2	Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).
4.3	Recycling or reclamation of metals and metal compounds.
4.4	Recycling or reclamation of other inorganic materials.
Address 1	Ballaghaderreen Industrial Estate
Address 2	Ballaghaderreen
Address 3	County Roscommon
Address 4	
	Roscommon
Country	Ireland
Coordinates of Location	-8.5906 53.9031
River Basin District	IEGBNISH
NACE Code	3821
Main Economic Activity	Treatment and disposal of non-hazardous waste
<b>AER Returns Contact Name</b>	Ann Clarke
<b>AER Returns Contact Email Address</b>	aclarke@jmlwaste.ie
<b>AER Returns Contact Position</b>	Facility Manager
<b>AER Returns Contact Telephone Number</b>	094 9860807
<b>AER Returns Contact Mobile Phone Number</b>	086 3524921
<b>AER Returns Contact Fax Number</b>	094 9860878
<b>Production Volume</b>	0.0
<b>Production Volume Units</b>	0
<b>Number of Installations</b>	0
<b>Number of Operating Hours in Year</b>	0
<b>Number of Employees</b>	31
<b>User Feedback/Comments</b>	0
<b>Web Address</b>	0

## 2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
50.1	General
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

- A12: **A Parent Company is a company that owns or controls the company operating the facility**
- A13: **Name of the Facility (operator or owner)**
- A14: **The PRTR number as issued to you by the EPA**
- A15: **The Licence Number under which you operate**
- A44: **Production volume - This field is optional**
- A45: **Production volume units - This field is optional but must be entered if the Production Volume has been entered**
- A46: **'installation' means a stationary technical unit where one or more activities listed in Annex I are carried out, and any other directly associated activities which have a technical connection with the activities carried out on that site and which could have an effect on emissions and pollution**
- A47: **Number of operating hours in year - This field is optional**
- A49: **Maximum comment length is 700 characters**

4.1 RELEASES TO AIR

[Link to previous years emissions data](#)

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**SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS**

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

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

**SECTION B : REMAINING PRTR POLLUTANTS**

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

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

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

POLLUTANT		METHOD			QUANTITY					
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	Emission Point 2	Emission Point 3	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
210	Dust	M	PER	Bergerhoff Method	2300.0	2000.0	1860.0	6160.0	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:		Method Used				Facility Total Capacity m3 per hour
Please enter summary data on the quantities of methane flared and / or utilised		M/C/E	Method Code	Designation or Description	T (Total) kg/Year	
Bergin Waste Disposal Limited						
Total estimated methane generation (as per site model)	0.0				N/A	
Methane flared	0.0				0.0 (Total Flaring Capacity)	
Methane utilised in engines	0.0				0.0 (Total Utilising Capacity)	
Net methane emission (as reported in Section A above)	0.0				N/A	

- A6: **Select the Category-Specific PRTR Pollutant from the dropdown list**
- A14: **Select the Remaining PRTR Pollutant from the dropdown list**
- A22: **Select the Licensed/Non-PRTR Pollutant from the dropdown list**
- C6: **Select Method Used from the dropdown list. Valid entries are (M)asured, (C)alculated or (E)stimated**
- C14: **Select Method Used from the dropdown list. Valid entries are (M)asured, (C)alculated or (E)stimated**
- C22: **Select Method Used from the dropdown list. Valid entries are (M)asured, (C)alculated or (E)stimated**
- D7: **Select a method code by double-clicking on the cell below then double-click a method code on the reference sheet**
- D15: **Select a method code by double-clicking on the cell below then double-click a method code on the reference sheet**
- D23: **Select a method code by double-clicking on the cell below then double-click a method code on the reference sheet**
- F6: **Enter a description for each emission point here**
- F14: **Enter a description for each emission point here**
- F22: **Enter a description for each emission point here**
- G6: **Total is calculated as the sum of all emission points plus Accidental plus Fugitive**
- G14: **Total is calculated as the sum of all emission points plus Accidental plus Fugitive**
- H6: **Enter an Accidental Quantity (KGs) if applicable**
- H14: **Enter an Accidental Quantity (KGs) if applicable**
- I6: **Enter a Fugitive Quantity (KGs) if applicable**
- I14: **Enter a Fugitive Quantity (KGs) if applicable**
- I22: **Total is calculated as the sum of all emission points plus Accidental plus Fugitive**
- J22: **Enter an Accidental Quantity (KGs) if applicable**
- K22: **Enter a Fugitive Quantity (KGs) if applicable**

4.2 RELEASES TO WATERS

[Link to previous years emissions data](#)

#VALUE!

04/04/2014 13:22

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

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

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

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

SECTION B : REMAINING PRTR POLLUTANTS

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

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

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

RELEASES TO WATERS					Please enter all quantities in this section in KGs				
POLLUTANT		M/C/E	Method Used		QUANTITY				
Pollutant No.	Name		Method Code	Designation or Description	Emission Point 1	Emission Point 2	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
303	BOD	M	PER	Gravimetric	60.0	60.0	120.0	0.0	0.0
240	Suspended Solids	M	PER	Gravimetric	150.0	120.0	270.0	0.0	0.0
324	Mineral oils	M	PER	Accredited Lab	14.625	5.475	20.1	0.0	0.0

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

- A6: **Select the Category-Specific PRTR Pollutant from the dropdown list**
- A14: **Select the Remaining PRTR Pollutant from the dropdown list**
- A22: **Select the Licensed/Non-PRTR Pollutant from the dropdown list**
- C6: **Select Method Used from the dropdown list. Valid entries are (M)asured, (C)alculated or (E)stimated**
- C14: **Select Method Used from the dropdown list. Valid entries are (M)asured, (C)alculated or (E)stimated**
- C22: **Select Method Used from the dropdown list. Valid entries are (M)asured, (C)alculated or (E)stimated**
- D7: **Select a method code by double-clicking on the cell below then double-click a method code on the reference sheet**
- D15: **Select a method code by double-clicking on the cell below then double-click a method code on the reference sheet**
- D23: **Select a method code by double-clicking on the cell below then double-click a method code on the reference sheet**
- F6: **Enter a description for each emission point here**
- F14: **Enter a description for each emission point here**
- F22: **Enter a description for each emission point here**
- G6: **Total is calculated as the sum of all emission points plus Accidental plus Fugitive**
- G14: **Total is calculated as the sum of all emission points plus Accidental plus Fugitive**
- H6: **Enter an Accidental Quantity (KGs) if applicable**
- H14: **Enter an Accidental Quantity (KGs) if applicable**
- H22: **Total is calculated as the sum of all emission points plus Accidental plus Fugitive**
- I6: **Enter a Fugitive Quantity (KGs) if applicable**
- I14: **Enter a Fugitive Quantity (KGs) if applicable**
- I22: **Enter an Accidental Quantity (KGs) if applicable**
- J22: **Enter a Fugitive Quantity (KGs) if applicable**

4.3 RELEASES TO WASTEWATER OR SEWER

[Link to previous years emissions data](#)

#VALUE!

04/04/2014 13:22

SECTION A : PRTR POLLUTANTS

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

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

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

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
Pollutant No.	Name	M/C/E	Method Code	Method Used Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
303	BOD	M	PER	Gravimetric	1800.0	1800.0	0.0	0.0
306	COD	M	PER	Gravimetric	5790.0	5790.0	0.0	0.0
240	Suspended Solids	M	PER	Gravimetric	765.0	765.0	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

#VALUE!

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Please enter all quantities on this sheet in Tonnes

20

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility Haz Waste: Name and Licence/Permit No of Recoverer/Disposer	Haz Waste : Address of Next Destination Facility Non Haz Waste: Address of Recoverer/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					
To Other Countries	12 01 05	No	0.0	plastics shavings and turnings	R3	M	Weighed	Abroad	Envirogreen Recycling Ltd.,WCP/MH/10/0008-01	Battleford Road,227,Armagh,BT71 7NN,United Kingdom		
Within the Country	15 01 01	No	338.0	paper and cardboard packaging	R3	M	Weighed	Offsite in Ireland	Barna Waste,W0106-02	Headford Road,,Co. Galway,,Ireland		
Within the Country	15 01 02	No	8.0	plastic packaging	R3	M	Weighed	Offsite in Ireland	Barna Waste,W0106-02	Headford Road,,Co. Galway,,Ireland		
Within the Country	15 01 07	No	0.0	glass packaging	R5	M	Weighed	Offsite in Ireland	Barna Waste,W0106-02	Headford Road,,Co. Galway,,Ireland		
Within the Country	16 01 03	No	6.0	end-of-life tyres	R5	M	Weighed	Offsite in Ireland	Barna Waste,W0106-02	Headford Road,,Co. Galway,,Ireland		
Within the Country	17 04 07	No	0.0	mixed metals	R4	M	Weighed	Offsite in Ireland	Barna Waste,W0106-02	Headford Road,,Co. Galway,,Ireland		
Within the Country	17 05 04	No	0.0	soil and stones other than those mentioned in 17 05 03	R5	M	Weighed	Offsite in Ireland	Patrick Gaynor,COR-RN-09-0013-01	Castlerea,,Co. Roscommon,,Ireland		
Within the Country	17 08 02	No	11.0	gypsum-based construction materials other than those mentioned in 17 08 01	R5	M	Weighed	Offsite in Ireland	Barna Waste,W0106-02	Headford Road,,Co. Galway,,Ireland		
Within the Country	17 09 04	No	8.0	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R10	M	Weighed	Offsite in Ireland	Rathroen Landfill,W0067-02	Ballina,,Co. Mayo,,Ireland		
Within the Country	19 12 07	No	0.0	wood other than that mentioned in 19 12 06	R10	M	Weighed	Offsite in Ireland	Kilconnell Landfill,W0178-02	Ballinasole,,Co. Mayo,,Ireland		
Within the Country	19 12 07	No	0.0	wood other than that mentioned in 19 12 06	R10	M	Weighed	Offsite in Ireland	Rathroen Landfill,W0067-02	Ballina,,Co. Mayo,,Ireland		
Within the Country	19 12 07	No	0.0	wood other than that mentioned in 19 12 06	R10	M	Weighed	Offsite in Ireland	Derrinnumera Landfill,W0021-02	Newport,0,Co. Mayo,0,Ireland		
Within the Country	20 01 01	No	4.0	paper and cardboard	R3	M	Weighed	Offsite in Ireland	Barna Waste,W0106-02	Headford Road,,Co. Galway,,Ireland		
Within the Country	20 01 08	No	0.0	biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	EnviroGrind Ltd.,ENV/143/WPO	Pettigo,,Co. Donegal,,Ireland		
Within the Country	20 01 10	No	1.0	clothes	R5	M	Weighed	Offsite in Ireland	Textile Recycling Ltd.,WPRO14/2	Tallaght,,Dublin 24,,Ireland		
Within the Country	20 01 36	No	0.0	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	R4	M	Weighed	Offsite in Ireland	Barna Waste,W0106-02	Headford Road,,Co. Galway,,Ireland		
Within the Country	20 01 38	No	0.0	wood other than that mentioned in 20 01 37	R12	M	Weighed	Offsite in Ireland	Barna Waste,W0106-02	Headford Road,,Co. Galway,,Ireland		
Within the Country	20 01 39	No	104.0	plastics	R12	M	Weighed	Offsite in Ireland	Barna Waste,W0106-02	Headford Road,,Co. Galway,,Ireland		
Within the Country	20 01 40	No	91.0	metals	R4	M	Weighed	Offsite in Ireland	Barna Waste,W0106-02	Headford Road,,Co. Galway,,Ireland		
Within the Country	20 01 99	No	3693.0	other fractions not otherwise specified	R3	M	Weighed	Offsite in Ireland	Barna Waste,W0106-02	Headford Road,,Co. Galway,,Ireland		
Within the Country	20 02 01	No	53.0	biodegradable waste	R3	M	Weighed	Offsite in Ireland	Barna Waste,W0106-02	Headford Road,,Co. Galway,,Ireland		
Within the Country	20 03 01	No	0.0	mixed municipal waste	D1	M	Weighed	Offsite in Ireland	Derrinnumera Landfill,W0021-02	Newport,,Co. Mayo,,Ireland		
Within the Country	20 03 01	No	9644.0	mixed municipal waste	D1	M	Weighed	Offsite in Ireland	Drehid Landfill,W0201-03	Carbury,Naas,Co. Kildare,,Ireland		
Within the Country	20 03 01	No	1002.0	mixed municipal waste	D1	M	Weighed	Offsite in Ireland	Rathroen Landfill,W0067-02	Ballina,,Co. Mayo,,Ireland		
Within the Country	20 03 01	No	0.0	mixed municipal waste	D1	M	Weighed	Offsite in Ireland	Ballynacarrick Landfill,W0024-04	Ballintra,,Co. Donegal,,Ireland		
Within the Country	20 03 01	No	0.0	mixed municipal waste	D1	M	Weighed	Offsite in Ireland	Kilconnell Landfill,W0178-02	Ballinasole,,Co. Mayo,,Ireland		
Within the Country	20 03 01	No	457.0	mixed municipal waste	R1	M	Weighed	Offsite in Ireland	Indaver Ireland Ltd.,W0167-02	Duleek,,Co. Meath,,Ireland		
Within the Country	20 03 01	No	46.0	mixed municipal waste	R12	M	Weighed	Offsite in Ireland	Barna Waste,W0106-02	Headford Road,,Co. Galway,,Ireland		

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility	Haz Waste : Address of Next Destination Facility	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used		Haz Waste : Name and Licence/Permit No of Recoverer/Disposer	Non Haz Waste: Address of Recoverer/Disposer		
Within the Country	20 03 01	No	90.0	mixed municipal waste	D1	M	Weighed	Offsite in Ireland	Greenstar Ballynagran Landfill,W0165-02	Kilcandrea,..Co. Wicklow,..Ireland		
Within the Country	20 03 01	No	127.0	mixed municipal waste	D1	M	Weighed	Offsite in Ireland	Limerick Co. Council Gaortadroma Landfill,W0017-04	Ballyhill,..Co. Limerick,..Ireland		
Within the Country	20 01 99	No	45.0	other fractions not otherwise specified	R3	M	Weighed	Offsite in Ireland	Mulleady's Ltd.,W0169-01	Drumlish,..Co. Longford,..Ireland		
Within the Country	17 04 07	No	187.0	mixed metals	R4	M	Weighed	Offsite in Ireland	Wilton Waste & Recycling Ltd. ,WFP-CN-10-0005-01	Crosserlough,..Co. Cavan,..Ireland		
Within the Country	20 01 08	No	535.0	biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	Barna Waste,W0106-02	Headford Road,..Co. Galway,..Ireland		
Within the Country	17 09 04	No	1545.0	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R10	M	Weighed	Offsite in Ireland	Joseph Bell,COR-MO-12-0018-01	Kilmovee,..Co. Mayo,..Ireland		
Within the Country	17 09 04	No	34.0	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R10	M	Weighed	Offsite in Ireland	Barna Waste,W0106-02	Headford Road,..Co. Galway,..Ireland		
Within the Country	20 02 02	No	85.0	soil and stones	R10	M	Weighed	Offsite in Ireland	Patrick Gaynor,COR-RN-09-0013-01	Castlerea,..Co. Roscommon,..Ireland		
Within the Country	20 02 02	No	925.0	soil and stones	R10	M	Weighed	Offsite in Ireland	Joseph Bell,COR-MO-12-0018-01	Kilmovee,..Co. Mayo,..Ireland		
Within the Country	17 02 01	No	363.0	wood	R3	M	Weighed	Offsite in Ireland	Barna Waste,W0106-02	Headford Road,..Co. Galway,..Ireland		
Within the Country	17 02 01	No	30.0	wood	R3	M	Weighed	Offsite in Ireland	O'Connors Recycling Waste Management ,WFP-RN-10-0001-01	Roxborough,2,Co. Roscommon,..Ireland		
Within the Country	20 01 38	No	127.0	wood other than that mentioned in 20 01 37	R3	M	Weighed	Offsite in Ireland	Arigna Fuels,WFP-RN-09-0003-01	Derreenavoggy,Arigna ,Co. Roscommon,..Ireland		
Within the Country	17 08 02	No	7.0	gypsum-based construction materials other than those mentioned in 17 08 01	R5	M	Weighed	Offsite in Ireland	Joe Mc Loughlin Waste Disposal Ltd.,W0216-01	Ardcolum,Drumshanbo,Co. Leitrim,..Ireland		
To Other Countries	17 08 02	No	50.0	gypsum-based construction materials other than those mentioned in 17 08 01	R5	M	Weighed	Abroad	Baron Recycling Ltd.,LN/09/113/M	Bellshill Road,81,Co. Londonderry,BT45 8HG,United Kingdom		
Within the Country	15 01 07	No	29.0	glass packaging	R5	M	Weighed	Offsite in Ireland	Rehab Glassco Ltd.,WFP-KE-08-0357-01	Carragh Road,Naas,Co. Kildare,..Ireland		
Within the Country	20 01 02	No	32.0	glass	R5	M	Weighed	Offsite in Ireland	Gannon Eco Split Hill Quarries,WFP-WM-2009-0007-01	Ballinagore,..Co. Westmeath,..Ireland		
Within the Country	20 01 36	No	14.0	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	R12	M	Weighed	Offsite in Ireland	Electrical Waste Management Ltd.,WFP-DS-09-0012-01	Rathcoole,..Co. Dublin,..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](#)

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

- A3: **Select the Transfer Destination from the dropdown list**
- B3: **Select the EWC (European Waste Code) by double-clicking on the cell below then double-click to select the Group, SubGroup and Code on the reference sheet**
- C3: **This will automatically be filled in when the EWC has been selected**
- D3: **Enter a Quantity for the waste code in Tonnes/Year**
- E3: **The default description of the EWC can be changed by editing the cell contents below**
- F3: **Select a Waste Treatment Operation by double-clicking on the cell below then double-click a Recoverr/Disposer code on the reference sheet**
- G4: **Select Method Used from the dropdown list. Valid entries are (M) easured, (C) alculated or (E) stimated**
- H4: **Select the method used from the dropdown list below**
- I3: **Select a Location of Treatment from the dropdown list**
- J3: **Enter name, license and address details by double-clicking on the cells in this column**
- L3: **Enter name and address details by double-clicking on the cells in this column**