Facility Information Summary	
AER Reporting Year	2014
Licence Register Number	W0216-01
Name of site	Barna Recycling
Site Location	Ardcolum, Drumshanbo, County Leitrim
NACE Code	3821
Class/Classes of Activity	50.1
National Grid Reference (6E, 6 N)	N1959 E3102

A description of the activities/processes at the site for the reporting year. This should include information such as production increases or decreases on site, any infrastructural changes, environmental performance which was measured during the reporting year **and an overview of compliance with your licence** listing all exceedances of licence limits (where applicable) and what they relate to e.g. air, water, noise.	Barna Recycling operators a Waste Transfer Station and Recycling Facility at Ardcolum, Drumshanbo, County Leitrim. The facility currently operators in accordance with a Waste Licence W0216-01. Barna Recycling are licensed to accept non-hazardous waste, specific waste types accepted at the facility are Municipal Solid Waste, Mixed Dry Recyclables Kerbside, Packaging Waste, C&D Waste and Scrap Metal. The maximum annual quantity of waste accepted at the facility is 24,990tpa.The total quantity of waste accepted at the premises in the reporting period was 15,820, the total amount recycled was 4702 tonnes giving us a recycling rate of 30% we aim to identify methods to improve our recycling rate in 2015, if possible. The primary functions of the facility are to segregate waste, recycle waste and to bulk waste prior to transportation to recovery facilities or licensed landfills/incinerator. We had no infrastructure changes on site in 2014. We had no exceedances of licence limits in 2014. We had one Breach of ELV of trigger levels at SW1 monitoring point in Quarter 3 due to a significant amount of vegetation in the pond at the time of sampling, we removed the vegetation, resulting in Quarter 4 monitoring results being well below the trigger limits. A new procedure namely Odour Management was introduce in 2014 to improve Environmental Performance.

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.

Ann Clarke	*31st March 2015*
Signature Group/Facility manager (or nominated, suitably qualified and experienced deputy)	Date

AIR-summary template	Lic No:	W0216-01	Year	2014

Answer all questions and complete all tables where relevant

1	Does your site have licensed air emissions? If yes please complete table A1 and A2 below for the current reporting year and answer further questions. If **you do not have** licenced emissions and **do not complete a solvent management plan** (table A4 and A5) you do not need to complete the tables	Yes	During the reporting period to sets of results were obtained for Dust. Standard Method VD12119 (Measurement of Dustfall, Determination of Dustfall using Bergerhoff Instrument German Engineering Institute) was utilized for analysis. Dust monitoring is carried out twice annually, between May and September at four Dust locations namely D1, D2, D3 & D4. No exceedance of licence limit was recorded within monitoring period.

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	
3	Was all monitoring carried out in accordance with EPA guidance note AG2 and using the basic air monitoring checklist? Basic air monitoring checklist AGN2	Yes	

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
Emission Point 1	Dust	Twice Annually	No	350 (mg/m²/day)	155	mg/m2/day	yes	PER	9300	
Emission Point 2	Dust	Twice Annually	No	350 (mg/m²/day)	90	mg/m2/day	yes	PER	5400	
Emission Point 3	Dust	Twice Annually	No	350 (mg/m²/day)	123.5	mg/m2/day	yes	PER	7410	
Emission Point 4	Dust	Twice Annually	No	350 (mg/m²/day)	132	SELECT	SELECT	SELECT	7920	

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

AIR-summary template	Lic No:	W0216-01	Year	2014

Continuous Monitoring

4	Does your site carry out continuous air emissions monitoring?	No	
	If yes please review your continuous monitoring data and report the required fields below in Table A2 and compare it to its relevant Emission Limit Value (ELV)		
5	Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below	SELECT	
6	Do you have a proactive service agreement for each piece of continuous monitoring equipment?	SELECT	
7	Did your site experience any abatement system bypasses? If yes please detail them in table A3 below	SELECT	

Table A2: Summary of average emissions -continuous monitoring

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

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

Table A3: Abatement system bypass reporting table

Bypass protocol

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

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

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

AIR-summary template	Lic No:	W0216-01	Year	2014

Solvent use and management on site

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

No

Table A4: Solvent Management Plan Summary Total VOC Emission limit value

Solvent regulations — Please refer to linked solvent regulations to complete table 5 and 6

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

Table A5: Solvent Mass Balance summary

	(I) Inputs (kg)	(O) Outputs (kg)						
Solvent	(I) Inputs (kg)	Organic solvent emission in waste	Solvents lost in water (kg)	Collected waste solvent (kg)	Fugitive Organic Solvent (kg)	Solvent released in other ways e.g. by-	Solvents destroyed onsite through	Total emission of Solvent to air (kg)
							Total	

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER) Lic No: W0216-01 Year 2014

			Additional information
1	Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table W2 and W3 below for the current reporting year and answer further questions. If **you do not have** licenced emissions you only need to complete table W1 and or W2 for storm water analysis and visual inspections	Yes	Surface water monitoring is carried out quarterly at to locations namely SW1 & SW2.
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	Yes	

Table W1 Storm water monitoring

Location reference	Location relative to site activities	PRTR Parameter	Licenced 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	downstream	None	Mineral oils	March, June, August, November	Licence 5 Trigger Level 2.5	All values < ELV	0.19624	mg/L	yes	
SW2	downstream	None	Mineral oils	March, June, August, November	Licence 5 Trigger Level 2.5	All values < ELV	0.1027975	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)

				Additional information
3	Was there any result in breach of licence requirements? If yes please provide brief details in the comment section of Table W3 below		SELECT	
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	External /Internal Lab Quality checklist / Assessment of results checklist	SELECT	

Table W3: 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	Frequency of monitoring	Averaging period	ELV or trigger values in licence or any revision therof[Note 2]	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Method of analysis	Procedural reference source	Procedural reference standard number	Annual mass load (kg)
	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

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER) Lic No: W0216-01 Year 2014

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 exceedances 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/Pipeline testing template **Lic No:** **W0216-01** **Year** **2014**

Bund testing

dropdown menu click to see options

			Additional information
1	Are you required by your licence to undertake integrity testing on bunds and containment structures ? if yes please fill out table B1 below listing all **new bunds and containment structures** on site, in addition to **all bunds which failed** the integrity test-**all bunding structures which failed including mobile bunds must be listed in the table below, please include all bunds outside the licenced testing period** (mobile bunds and chemstore included)	Yes	
2	Please provide integrity testing frequency period	3 years	
3	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)	Yes	
4	How many bunds are on site?	3	
5	How many of these bunds have been tested within the required test schedule?	3	
6	How many mobile bunds are on site?	0	
7	Are the mobile bunds included in the bund test schedule?	N/A	
8	How many of these mobile bunds have been tested within the required test schedule?	N/A	
9	How many sumps on site are included in the integrity test schedule?	N/A	
10	How many of these sumps are integrity tested within the test schedule?	N/A	
	Please list any sump integrity failures in table B1	N/A	
11	Do all sumps and chambers have high level liquid alarms?	N/A	
12	If yes to Q11 are these failsafe systems included in a maintenance and testing programme?	N/A	
13	Is the Fire Water Retention Pond included in your integrity test programme?	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	Steel	25% of total storage volume: 4.284m³	3.000m³	110% of volume of largest vessel: 3.300m³	Other (please specify)	Hydrostatic	18/01/2014	Yes	Pass		SELECT		
	SELECT					SELECT			SELECT	SELECT		SELECT		

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

			Commentary
15	Has integrity testing been carried out in accordance with licence requirements and are all structures tested in line with BS8007/EPA Guidance?	Yes	
16	Are channels/transfer systems to remote containment systems tested?	Yes	
17	Are channels/transfer systems compliant in both integrity and available volume?	Yes	

bunding and storage guidelines

Pipeline/underground structure testing

1	Are you required by your licence to undertake integrity testing* on underground structures e.g. pipelines or sumps etc ? if yes please fill out table 2 below listing all underground structures and pipelines on site **which failed the integrity test and all which have not been tested withing the integrity test period as specified**	Yes	
2	Please provide integrity testing frequency period	3 years	

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

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

Structure ID	Type system	Material of construction:	Does this structure have Secondary containment?	Type of secondary containment	Type integrity testing	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
1	Storm	other(please specify) Polyvinyl Cholonicle	Yes	Pipe in channel	CCTV	Yes	Pass				
2	Storm	other(please specify) Polyvinyl Cholonicle	Yes	Pipe in channel	CCTV	Yes	Pass				
3	Storm	other(please specify) Polyvinyl Cholonicle	Yes	Pipe in channel	CCTV	Yes	Pass				
4	Storm	other(please specify) Polyvinyl Cholonicle	Yes	Pipe in channel	CCTV	Yes	Pass				
5	Storm	other(please specify) Polyvinyl Cholonicle	Yes	Pipe in channel	CCTV	Yes	Pass				
6	Storm	other(please specify) Polyvinyl Cholonicle	Yes	Pipe in channel	CCTV	Yes	Pass				
7	Storm	other(please specify) Polyvinyl Cholonicle	Yes	Pipe in channel	CCTV	Yes	Pass				
8	Storm	other(please specify) Polyvinyl Cholonicle	Yes	Pipe in channel	CCTV	Yes	Pass				
9	Storm	other(please specify) Polyvinyl Cholonicle	Yes	Pipe in channel	CCTV	Yes	Pass				
10	Storm	other(please specify) Polyvinyl Cholonicle	Yes	Pipe in channel	CCTV	Yes	Pass				
11	Storm	other(please specify) Polyvinyl Cholonicle	Yes	Pipe in channel	CCTV	Yes	Pass				
12	Storm	other(please specify) Polyvinyl Cholonicle	Yes	Pipe in channel	CCTV	Yes	Pass				
13	Storm	other(please specify) Polyvinyl Cholonicle	Yes	Pipe in channel	CCTV	Yes	Pass				
14	Storm	other(please specify) Polyvinyl Cholonicle	Yes	Pipe in channel	CCTV	Yes	Pass				
15	Storm	other(please specify) Polyvinyl Cholonicle	Yes	Pipe in channel	CCTV	Yes	Pass				
16	Storm	other(please specify) Polyvinyl Cholonicle	Yes	Pipe in channel	CCTV	Yes	Pass				
17	Storm	other(please specify) Polyvinyl Cholonicle	Yes	Pipe in channel	CCTV	Yes	Pass				
18	Storm	other(please specify) Polyvinyl Cholonicle	Yes	Pipe in channel	CCTV	Yes	Pass				
19	Storm	other(please specify) Polyvinyl Cholonicle	Yes	Pipe in channel	CCTV	Yes	Pass				
20	Storm	other(please specify) Polyvinyl Cholonicle	Yes	Pipe in channel	CCTV	Yes	Pass				

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

Groundwater/Soil monitoring template	Lic No:	W0216-01	Year	2014

			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. Groundwater monitoring template	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		Please enter interpretation of data here

Table 1: Upgradient Groundwater monitoring results

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration++	Average Concentration+	unit	GTV's*	SELECT**	Upward trend in pollutant concentration over last 5 years of monitoring data
							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

Groundwater/Soil monitoring template	Lic No:	W0216-01	Year	2014

*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 EQS	Groundwater regulations GTV's	Drinking water (private supply) standards	Drinking water (public supply) standards	Interim Guideline Values (IGV)

Groundwater/Soil monitoring template Lic No: W0216-01 Year 2014

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	W0216-01	Year 2014

Click here to access EPA guidance on Environmental Liabilities and Financial provision

			Commentary
1	ELRA initial agreement status	Submitted and agreed by EPA	
2	ELRA review status	Review required and completed	
3	Amount of Financial Provision cover required as determined by the latest ELRA	€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	Public & Employee Liability Insurance	
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	6.5 Million & 13 Million	
12	Financial Provision for Closure - type	Public & Employee Liability Insurance	
13	Financial provision for Closure expiry date	Expiry of licence	

Environmental Management Programme/Continuous Improvement Programme template		W0216-01 Year 2014
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 Agency in 2006
2 Does the EMS reference the most significant environmental aspects and associated impacts on-site	Yes	Updated Annually
3 Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance with the licence requirements	Yes	Updated Annually
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 2014 we aimed to recycle 34% of all waste received. In 2015 we aim to recycle 31% 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.	70	In 2014 we reviewed our recycling and disposal tonnage on a monthly basis and achieved a recycling rate of 30% we did not achieve our projected target as we received less waste in 2014. We aim to increase our recycling rate in 2015, if possible.	Section Head	Improved Environmental Management Practices
Materials Handling/Storage/Bunding	Identify suitable storage areas for materials that have to be stored outside on site for a long period of time. Continue with programme of works to improve integrity of the onsite drainage system.	50	Work is on-going to identify a suitable area for material that is stored on site for a long period. The integrity and water tightness of all bunded structures and underground pipes where tested in 2014.	Section Head	Increased compliance with licence conditions
Training	Review all staff training records on site and devise a training plan to enhance their skillnet. Investigate plan to train a back-up facility manager with a credited waste management course.	70	All staff training records are reviewed through out the year and updated as required.	Section Head	Improved Environmental Management Practices
Emission Monitoring	Review monitoring reports records and report to the Agency in accordance with Schedule E. Ensure emission control measures are maintained to the highest possible standards throughout the year to ensure compliance with emission limits.	90	In 2014 monitoring reports where reviewed throughout the year. Emission control measures where maintained to the highest possible standards.	Section Head	Increased compliance with licence conditions
Additional Information	Update and implement new vehicle maintenance programme. Increase customers by extending routes. Implement plan to chip and scan all commercial bins and increase customer base by 20%. Review all routes to ensure commercially economical.	30	In 2014 we continued to review and improve where possible the structure of our commercial and domestic routes to make them more efficient/economical.	Section Head	Improved Environmental Management Practices

Noise monitoring summary report	Lic No:	W0216-01	Year	2014

1	Was noise monitoring a licence requirement for the AER period?	Yes
	If yes please fill in table N1 noise summary below	
2	Was noise monitoring carried out using the EPA Guidance note, including completion of the "Checklist for noise measurement report" included in the guidance note as table 6? (Noise Guidance note NG4)	Yes
3	Does your site have a noise reduction plan	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 N1: Noise monitoring summary

Date of monitoring	Time period	Noise location (on site)	Noise sensitive location -NSL (if applicable)	LA_{eq}	LA_{90}	LA_{10}	LA_{max}	Tonal or Impulsive noise* (Y/N)	If tonal /impulsive noise was identified was 5dB penalty applied?	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is site compliant with noise limits (day/evening/night)?
14.11.14	3X15 Minutes	N1:- Inside main gate of site		62.7,63.0,65.0	49.0,49.4,49.0	66.5,66.1,70.0	77.9,78.9,80.0	No	N/A	Road traffic passing, lorry on weighbridge for 3-4 minutes	Yes
14.11.14	3X15 Minutes	N2:- Top open entrance to processing shed		59.2,52.0,56.9	38.1,39.4,39.1	63.7,53.1,61.7	80.9,72.7,74.0	No	N/A	Road traffic noise, bangs and clangs from machinery	Yes
14.11.14	3X15 Minutes	N3:- Front of processing shed		59.2,53.5,49.1	40.1,39.0,39.5	55.9,54.7,52.3	85.3,81.0,73.7	No	N/A	Lorries passing the monitoring position intermittently	Yes
14.11.14	3X15 Minutes	N4:- Back of processing shed		54.7,54.4,52.0	50.6,43.3,33.9	57.1,56.7,56.2	73.8,78.5,80.7	No	N/A	Loading operations inside and outside of the shed	Yes
14.11.14	3X15 Minutes		N5:- House across the road from site entrance	65.9,63.4,64.5	46.8,39.4,49.2	63.2,61.7,64.5	87.1,84.0,84.4	No	N/A	Road traffic noise, vehicles engines waiting on weighbridge	No
14.11.14	3X15 Minutes		N6:- Farm house North East of site	51.5,53.4,52.2	48.0,48.3,48.1	53.9,55.9,53.0	64.7,70.3,74.6	No	N/A	Road traffic noise, forklift and other engine noise	Yes
14.11.14	3X15 Minutes		N7:- House North of site	55.3,53.1,44.4	47.8,44.5,38.2	57.1,56.1,47.6	74.2,68.9,60.4	No	N/A	Loading of glass into trailer, once ceased noticeable drop off in noise	Yes
14.11.14	3X15 Minutes		N8:- House by Blackrock Lake	42.0,46.6,42.3	32.4,35.1,35.6	45.2,49.2,44.8	65.3,66.6,67.2	No	N/A	Road traffic noise, faint engine noise and bangs from trailers	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?

Resource Usage/Energy efficiency summary

Lic No: W0216-01 Year 2014

			Additional information	
1	When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below		Enter date of audit	2007
2	Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI programme linked to the right? If yes please list them in additional information	SEAI - Large Industry Energy Network (LIEN)	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	

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 (M	N/A	N/A	N/A	
Electricity Consumption (MWHrs)	94094	106239	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**

Resource Usage/Energy efficiency summary Lic No: W0216-01 Year 2014

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^3yr):	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							

* 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				

Resource Usage/Energy efficiency summary

Lic No: W0216-01 Year 2014

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
14.06.2007	Monitoring & Targets	Asses water usage on site	energy audit	161,704.30	2009 & 2010	Management	On-going	Recorded on forms 8 & 9
14.06.2007	Change electricity supplier	Reduce energy bill	energy audit	237.5	2007	Management	On-going	Recorded yearly
			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: W0216-01 Year 2014

Complaints		
		Additional information
Have you received any environmental complaints in the current reporting year? If yes please complete summary details of complaints received on site in table 1 below	No	

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		
		Additional information
Have any incidents occurred on site in the current reporting year? Please list all incidents for current reporting year in Table 2 below	Yes	Water samples analysis on 13.11.14 where all well below the licence limits

*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
14.08.14	Breach of ELV	Licenced discharge point (SW1)	1. Minor	Water	Operational controls		Normal activities	EPA	New	Removed vegetation at monitoring point SW1	Monitor & control vegetation at SW1 monitoring point	Complete	16.08.14	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

WASTE SUMMARY	Lic No:	W0216-01	Year	2014
SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES	PRTR facility logon	dropdown list click to see options		

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

			Additional Information
1	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	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)

Licenced annual tonnage limit for your site (total tonnes/annum)	EWC code European Waste Catalogue EWC codes	Source of waste accepted	Description of waste accepted **Please enter an accurate and detailed description - which applies to relevant EWC code** European Waste Catalogue EWC codes	Quantity of waste accepted in current reporting year (tonnes)	Quantity of waste accepted in previous reporting year (tonnes)	Reduction/ Increase over previous year +/ - %	Reason for reduction/ increase from previous reporting year	Packaging Content (%)- only applies if the waste has a packaging component	Disposal/Recovery or treatment operation carried out at your site and the description of this operation	Quantity of waste remaining on site at the end of reporting year (tonnes)	Comments -
24,990	*20 03 01*	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS*	*Mixed Municipal Waste*	*11,118*	*10,619*		*Slightly varies from year to year*	*0%*	*D13- Blending or mixing prior to submission to any of the operations numbered D1 to D12*	*0*	
	20 01 99	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS*	*Mixed Dry Recyclables*	*2137*	*2230*		*Slightly varies from year to year*	*33% packaging & 67% non-packaging*	*R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)*	*2*	
	20 01 10	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS*	*Clothes*	*0*	*0.34*		*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*	*0*	
	20 01 01	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS*	*Paper*	*3*	*0*		*Slightly varies from year to year*	*52%*	*R3-Recycling/reclamation or organic substances which are not used as solvents(including composting another biological transformation processes)which includes gasification and pyrolisis*	*0*	
	20 01 36	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS*	*Discarded Electrical & Electronic Equipment*	*2*	*12*		*Less WEEE in skips. It is free of charge to dispose of at recycling centres*	*0%*	*R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)*	*6*	
	20 01 40	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS*	*Metals*	*1*	*4*		*Slightly varies from year to year*	*0%*	*R4- Recycling/reclamation of metals and metal compounds*	*5*	

	20 03 07	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Bulky waste from commercial & domestic skips	1461	1643		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	0	
	15 01 01	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Cardboard Packaging	378	527		Decrease of Cardboard packaging on products	52% Packaging & 48% non-Packaging	R3-Recycling/reclamation or organic substances which are not used as solvents(including composting another biological transformation processes)which includes gasification and pyrolisis	0	
	15 01 02	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Plastic Packaging	5	22		Decrease of Plastic packaging on products	100%	R5-Recycling/reclamation or other inorganic materials which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials	13	
	15 01 07	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Glass Packaging	291	251		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	15	
	16 01 03	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	End-of-life Tyres	11	0		Increase of 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	36	
	17 02 01	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Wood	23	41		Decrease of wood in skips	52%	R3-Recycling/reclamation or organic substances which are not used as solvents(including composting another biological transformation processes)which includes gasification and pyrolisis	0	
	17 01 07	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Rubble	194	356		Decrease of Rubble 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	2	
	17 05 04	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Soil & Stone	191	295		Decrease of Soil & Stone 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	0	
	17 08 02	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Gypsum	6	0		Increase of Gypsum 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	0	

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

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

Does your facility have relevant nuisance controls in place?	Yes
Do you have an odour management system in place for your facility? If no why?	Yes
Do you maintain a sludge register on site?	N/A

4

SECTION D-TO BE COMPLETED BY LANDFILL SITES ONLY	N/A

5 **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
6				
7				
8				

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
										SELECT UNIT	SELECT UNIT
Cell 8											

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

Unlined area	Comments on liner type
SELECT UNIT	

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	What materials are used in the cap	Comments
SELECT UNIT	SELECT UNIT					

*please note this includes daily cover area

Table 6 Leachate-Landfill only

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

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

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

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

Table 7 Landfill Gas-Landfill only

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

D1	D1-Deposit into or onto land	Yes	Public	
D2	D2-Land treatment	No	Private	01-WASTE RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
D3	D3-Deep injection	N/A	Inert	02-WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING
D4	D4-Surface impoundment	SELECT	Non Hazardous	03- WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD
D5	D5- Specially engineered landfill	0-15		04- WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES
D6	D6-Release into a water body except seas or oceans	15-30		05- WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL
D7	D7-Release to seas/oceans including sea bed insertion	30-45		06- WASTES FROM INORGANIC CHEMICAL PROCESSES

Guidance to completing the PRTR workbook

AER Returns Workbook

Version 1.1.18

REFERENCE YEAR	2014

1. FACILITY IDENTIFICATION

Parent Company Name	Barna Waste Disposal Limited
Facility Name	Barna Waste Disposal Limited (Ardcolum)
PRTR Identification Number	W0216
Licence Number	W0216-01

Classes of Activity

No.	class_name
-	Refer to PRTR class activities below

Address 1	Ardcolum
Address 2	Drumshanbo
Address 3	
Address 4	
	Leitrim
Country	Ireland
Coordinates of Location	-8.06202 54.0417
River Basin District	IEGBNISH
NACE Code	3821
Main Economic Activity	Treatment and disposal of non-hazardous waste
AER Returns Contact Name	Ann Clarke
AER Returns Contact Email Address	aclarke@barnarecycling.com
AER Returns Contact Position	Facility Manager
AER Returns Contact Telephone Number	071 9641103
AER Returns Contact Mobile Phone Number	086 3524921
AER Returns Contact Fax Number	071 9641184
Production Volume	0.0
Production Volume Units	
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	23
User Feedback/Comments	
Web Address	

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

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

#N/A

16/04/2015 14:17

31

Please enter all quantities on this sheet in Tonnes

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	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					
Within the Country	15 01 01	No	491.0	paper and cardboard packaging	R3	M	Weighed	Offsite in Ireland	Barna Waste,Licence No. W0106-02	Carrowbrown Headford Road Co. Galway,.,.,.,Ireland		
Within the Country	15 01 02	No	22.0	plastic packaging	R3	M	Weighed	Offsite in Ireland	Lenviron Limited T/A Leinster Environmentals,IRE/G127/15 WFP-LH-11-0002-01	Clermont Bussiness Park,Haggardstown,Dundalk ,Co. Louth,Ireland		
Within the Country	15 01 07	No	294.0	glass packaging	R5	M	Weighed	Offsite in Ireland	Rehad Glassco Ltd.,WFP-KE-08-0357-01	Carragh,.,Co. Kildare,N/A,Ireland		
Within the Country	16 01 03	No	12.0	end-of-life tyres	R5	M	Weighed	Offsite in Ireland	Duffy Tyre Recycling,ROC 3758 WFP-DC-010-0118-01	Tonyhabboc,Newtowncunningham,Co. Donegal,N/A,Ireland		
Within the Country	17 01 07	No	194.0	mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06	R5	M	Weighed	Offsite in Ireland	J.P.Bell,COR-MO-12-0018-01	Cloonlerin,Kilmovee,Co. Mayo,.,Ireland		
Within the Country	20 01 40	No	4.0	metals	R4	M	Weighed	Offsite in Ireland	Barna Waste,Licence No. W0106-02	Carrowbrown Headford Road Co. Galway,.,.,.,Ireland		
Within the Country	17 02 01	No	190.0	wood	R3	M	Weighed	Offsite in Ireland	Arigna Fuels Ltd.,Permit No. WRP-RN-09-0003-01	Derreenavoggy Td. Arigna Co. Roscommon,.,.,.,Ireland		
Within the Country	17 02 01	No	0.0	wood	R3	M	Weighed	Offsite in Ireland	Wilton Waste Recycling Ltd.,Permit No. WP 06/30	Kiffa Crosserlough Co. Cavan,.,.,.,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,Permit No. COR-RN-09-0013-01	Castlerea Co. Roscommon,.,.,.,Ireland		
Within the Country	17 05 04	No	191.0	soil and stones other than those mentioned in 17 05 03	R5	M	Weighed	Offsite in Ireland	J.P.Bell,COR-MO-12-0018-01	Cloonlerin,Kilmovee,Co. Mayo,.,Ireland		
To Other Countries	19 12 04	No	9.0	plastic and rubber	R3	M	Weighed	Abroad	WRC Recycling,IRE/AG121/12	Johnstone,Renfrewshire,Scotland,PA6 7EE,United Kingdom		
Within the Country	20 01 08	No	980.0	biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	Envirogrind,Permit No. ENV/143/WP04.08	Pettigo Co. Donegal,.,.,.,Ireland		
Within the Country	20 01 10	No	0.0	clothes	R5	M	Weighed	Offsite in Ireland	Textile Recycling Ltd.,Permit No. 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	R13	M	Weighed	Offsite in Ireland	RILTA Enviromental Ltd.,W0192-03	Grants Drive,402 Greenogue Business Park,Co. Dublin,N/A,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	R3	M	Weighed	Offsite in Ireland	Electrical Waste Management Ltd.,WFP-DS-09-0012-01	Jordanstowm Drive,Rathcoole,Co. Dublin,.,Ireland		
To Other Countries	19 12 04	No	0.0	plastic and rubber	R3	M	Weighed	Abroad	Envirolink Recycling,IRE/AG134/12	30 Lynton Gardens,Darlington,Co. Durham,DL1 4PB,United Kingdom		
Within the Country	20 01 40	No	72.0	metals	R4	M	Weighed	Offsite in Ireland	Wilton Waste Recycling Ltd.,Permit No. WP 06/30	Kiffa Crosserlough Co. Cavan,.,.,.,Ireland		
Within the Country	20 01 99	No	806.0	other fractions not otherwise specified	R13	M	Weighed	Offsite in Ireland	Barna Waste,Licence No. W0106-02	Carrowbrown Headford Road Co. Galway,.,.,.,Ireland		
Within the Country	20 01 99	No	899.0	other fractions not otherwise specified	R13	M	Weighed	Offsite in Ireland	Mulleady`s Ltd.,W0169-01	Cloonagh,Drumlish,Co. Longford,N/A,Ireland		
Within the Country	20 03 01	No	2771.0	mixed municipal waste	D13	M	Weighed	Offsite in Ireland	Drehid Landfill,Licence No. W0201-03	Killinagh Upper Carbury Co. Kildare,.,.,.,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 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					
Within the Country	20 03 01	No	26.0	mixed municipal waste	D13	M	Weighed	Offsite in Ireland	Barna Waste,Licence No. W0106-02	Carrowbrown Headford Road Co. Galway,.,.,.,Ireland		
Within the Country	20 03 01	No	114.0	mixed municipal waste	D13	M	Weighed	Offsite in Ireland	Greenstar Waste Transfer Station,W0058-01	Deepwater Quay,.,.,Co. Sligo,Ireland		
Within the Country	20 03 01	No	6481.0	mixed municipal waste	R1	M	Weighed	Offsite in Ireland	Indaver Incinerator,W0167-02	Carranstown,Duleek,Co. Meath,.,Ireland		
Within the Country	20 03 01	No	2971.0	mixed municipal waste	D13	M	Weighed	Offsite in Ireland	Rathroeen Landfill,W0067-02	Ballina,.,Co. Mayo,N/A,Ireland		
Within the Country	20 03 01	No	0.0	mixed municipal waste	D13	M	Weighed	Offsite in Ireland	Ballynacarrick Landfill,W0024-04	Ballintra,.,Co. Donegal,N/A,Ireland		
Within the Country	20 01 99	No	188.0	other fractions not otherwise specified	R13	M	Weighed	Offsite in Ireland	Nurendale Ltd. T/A Panda Waste,W0140-03	Rathdrinagh,Beauparc,Navan,Co. Meath,Ireland		
To Other Countries	**17 08 02**	**No**	15.0	gypsum-based construction materials other than those mentioned in 17 08 01	R13	M	Weighed	Abroad	MacNabb Brothers (Waste Management) Ltd.,IRE/G407/16 LN/09/111/M ROC 170	Downpatrick Road,23,Co.Down,BT30 7QB,United Kingdom		

* 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