Facility Information Summary

AER Reporting Year Licence Register Number

Name of site

Site Location

NACE Code

Class/Classes of Activity

National Grid Reference (6E, 6 N)

A description of the activities/processes at the site for the reporting year. This should include information such as production increases or decreases on site, any infrastructural changes, environmental performance which was measured during the reporting year and an overview of compliance with your licence listing all exceedances of licence limits (where applicable) and what they relate to e.g. air, water, noise.

2013		
W0216-01		
	Barna R	ecycling
	Ardcolum, Drumsha	nbo, County Leitrim
	38	21
	50	0.1
	N1959	E3102

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 & Scrap Metal. The maximum annual quantity of waste to be accepted at the facility is 24,990 tpa. The total quantity of waste accepted at the premises in the reporting period was 16,000 the total amount recycled was 5381 tonnes giving us a recycling rate of 33%. We aim to identify methods to increase rates in 2014, 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 infrastructural changes on site in 2013. We had no exceedances of licence limits in 2013.

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

Signature

Group/Facility manager

(or nominated, suitably qualified and experienced deputy)

AIR-summary template Lic No: W0216-01 Year 2013

Answer all questions and complete all tables where relevant

Does your site have licensed air emissions? If yes please complete table A1 and A2 below for the current

reporting year and answer further questions. If you do not have licenced emissions and do not complete a

solvent management plan (table A4 and A5) you do not need to complete the tables

Additional information

Dust monitoring is carried out twice between May and

September at four locations namely D1,D2,D3, & D4. No

exceedance of licence limit was recorded within monitoring

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

Basic air monitorin

AGN2

No 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 therof	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence limit		Annual mass	Comments -reason for change in % mass load from previous year if applicable
Emission 1	Dust	Twice Annually	No	350 (mg/m²/day)	62	mg/m2/day	yes	PER	3720	
2111331011 1	Dust	Twice Aimany	No	330 (IIIg/III /uay)	02	mg/mz/uay	yes	T EK	3720	
Emission 2	Dust	Twice Annually	No	350 (mg/m²/day)	38.5	mg/m2/day	yes	PER	2310	
Emission 3	Dust	Twice Annually	No	350 (mg/m²/day)	75	mg/m2/day	yes	PER	4500	
Emission 4	Dust	Twice Annually	No	350 (mg/m²/day)	42	mg/m2/day	yes	PER	2520	

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

	AIR-summary template	Lic No:	W0216-01	Year	2013
	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:		ELV in licence or any revision therof	Averaging Period	Compliance Criteria	Units of measurement	Annual Emission	Annual maximum	Equipment downtime (hours)	Number of ELV exceedences in current reporting year	
	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

site (kg) to Air from entire site (direct and fugitive) Total Emission Limit Value (ELV) in licence or any revision therof SELECT SELECT Table A5: Solvent Mass Balance summary (I) Inputs (kg) Organic solvent emission in waste emission in waste emission in waste (kg) Collected waste solvent (kg) Fugitive Organic Solvent released in other ways e.g. onsite through Solvent (kg) Total Emission Limit Value (ELV) in licence or any revision therof SELECT SELECT SOlvent (kg) Solvent released in other ways e.g. onsite through Solvent to air (kg)	AIR-summary	template				Lic No:	W0216-01		Year	
Aside A4: Solvent Management Plan Summary otal VOC Emission limit value Total Solvent input on site (kg) Total VOC emissions is Total VOC emissions as % of solvent input on fugitive) Total Fire (direct and fugitive) Total Fire (ELY) in licence or any revision therof SELECT	Solven	t use and manageme	ent on site							
Reporting year Site (kg) Total VOC emissions Total VOC emissions as %of site (kg) Total solvent input on site (kg) Total From entire emissions as %of solvent input fugitive) Total Emission Limit Value (ELV) in licence or any revision therof SELECT SELECT Table A5: Solvent Mass Balance summary (i) Inputs (kg) Organic solvent emission in waste emission in waste water (kg) Collected waste solvent (kg) Fugitive Organic Solvent released Solvent released Solvent (kg) in other ways e.g. onsite through onsite through Solvent to air (kg)	Do you have a tot	al Emission Limit Value of	direct and fugitive em	ssions on site? if y	es please fill out tables A4 and A	5		No		
site (kg) to Air from entire site (direct and fugitive) to Air fugitive Organic Select Select (i) Inputs (kg) Organic solvent emission in waste emission in waste (kg) Collected waste solvent (kg) Fugitive Organic Solvent released in other ways e.g. onsite through Solvent to air (kg)			an Summary	Solvent regulation						
Table A5: Solvent Mass Balance summary (I) Inputs (kg) Organic solvent emission in waste water (kg) Collected waste solvent (kg) Fugitive Organic Solvent released in other ways e.g. Solvent released onsite through Solvent to air (kg)	Reporting year		to Air from entire site (direct and	emissions as %of	(ELV) in licence or any revision					
Table A5: Solvent Mass Balance summary (I) Inputs (kg) Organic solvent emission in waste water (kg) Collected waste solvent (kg) Fugitive Organic Solvent released in other ways e.g. Solvent (kg) Solvents destroyed onsite through onsite through solvent to air (kg)						SELECT				
Solvent (I) Inputs (kg) Organic solvent emission in waste water (kg) Organic solvent emission in waste water (kg) Collected waste solvent (kg) Fugitive Organic Solvent released in other ways e.g. Solvents destroyed onsite through Solvent to air (kg)						SELECT				
Solvent (I) Inputs (kg) Organic solvent emission in waste Organic solvent emission in waste Organic solvent kg) Solvents lost in water (kg) Solvent (kg) Fugitive Organic Solvent released in other ways e.g. Solvents destroyed onsite through Solvent to air (kg)	Table A5	: Solvent Mass Balan	ce summary							7
(I) Inputs (kg) emission in waste water (kg) Solvent (kg) in other ways e.g. onsite through Solvent to air (kg)		(I) Inputs (kg)			(0)	Outputs (kg)				
	Solvent	(I) Inputs (kg)			Collected waste solvent (kg)		in other ways e.g.			
								Total		1

AER	Monitori	ng returns sun	mary template-W	ATER/WASTEW	ATER(SEWER)		Lic No:	W0216-01		Year	2013
								Additional information		1	
1	complete t	able W2 and W3 ou do not have lice	ssions direct to surface below for the current enced emissions you <u>c</u> m water analysis and	reporting year an only need to comp	lete table W1 and or			oring is carried out quarterly at tv eedance of licence was recorded v			
	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										
	Table V	V1 Storm wate	r monitoring								
	ocation ference	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	d	NONE	Main and aile	January, April, July &	5	All colors of FIN	0.2675	/1		

0.1945

mg/L

NONE

NONE

downstream

downstream

SW2

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

Mineral oils

Mineral oils October

October

January, April, July &

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

All values < ELV

All values < ELV

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

3	Was there any result in breach of licence requirements? If yes please provide brief details in the comment section of Table W3 below	No	Additional information
	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		
4	require improvement in additional information box External /Internal Li Assessment of results of	SELECT	

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

Emission reference no:	Emission released to	Parameter/ SubstanceNote 1	Type of sample	Frequency of monitoring		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	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

^{*}trigger values may be agreed by the Agency outside of licence conditions

AER M	1onitori	ng returns su	mmary template-\	WATER/WASTEW	ATER(SEWER)		Lic No:	W0216-01		Year	2013	
Contin	nuous m	onitoring						Additional Information		_		
5 Does yo	5 Does your site carry out continuous emissions to water/sewer monitoring?											
If yes please summarise your continuous monitoring data below in Table W4 and compare it to its relevant Emission Limit Value (ELV)										_		
$6 \frac{\text{Did continuous monitoring equipment experience downtime? If yes please record downtime in table W4 below}{\text{W4 below}}$						SELECT						
7 Do you l	have a pro	active service co	ntract for each piece of	continuous monitoring	g equipment on site?	SELECT						
8 Did abatement system bypass occur during the reporting year? If yes please complete table W5 below				nplete table W5 below	SELECT							
Table W4: Summary of average emissions -continuous monitoring					oring							
Emissio	ın	Emission		ELV or trigger values in licence or any revision		Compliance	Units of	Annual Emission for current	% change +/- from previous reporting year	Monitoring Equipment	Number of ELV exceedences in	

reporting year (kg)

downtime (hours) reporting year

Comments

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

Parameter/ Substance

SELECT

SELECT

released to

SELECT

SELECT

reference no:

Table W5: Abatement system bypass reporting table

Date	Duration (hours)	Resultant emissions	Reason for bypass	action*		When was this report submitted?
					SELECT	

Averaging Period

SELECT

SELECT

SELECT

SELECT

Criteria

measurement

SELECT

SELECT

thereof

^{*}Measures taken or proposed to reduce or limit bypass frequency

	ting template				Lic No:	W0216-01		Year	2013	3				
Bund testing		dropdown menu	click to see options				Additional information							
ontainment structures	s on site, in addition to a	integrity testing on bunds and co all bunds which failed the integri ide the licenced testing period (r	ity test-all bunding structures	which failed including mobi		n	Due to financial pressure in 2013 no testing was carried out Testing has been carried out in Quarter 1 of							
	y testing frequency perio			,		Yes 3 years	2014.							
		derground pipelines (including sto	ormustor and foul). Tanks su	mar and containers? (contain	ore refers to "Chameters									
ype units and mobile b		reigiouna pipeimes (including sto	Jilliwater and roury, ranks, sur	nips and containers: (contain	iers refers to Chemistore	Yes								
low many bunds are or	in site?					3		_						
low many of these bur	low many of these bunds have been tested within the required test schedule?				3									
fow many mobile bunds are on site? Kre the mobile bunds included in the bund test schedule?			0											
						N/A		_						
	te are included in the int	ested within the required test sch	redule?			N/A N/A		_						
		within the test schedule?				N/A		-						
	tegrity failures in table					N/A		-						
	bers have high level liqui					SELECT		_						
		d in a maintenance and testing p	rogramme?			SELECT								
the Fire Water Retent	tion Pond included in yo	ur integrity test programme?				SELECT								
Tab	le B1: Summary details o	of bund /containment structure i	integrity test											
														Result
									Integrity reports					retes
und/Containment									maintained on		Integrity test failure		Scheduled date	curre
tructure ID	Туре	Specify Other type	Product containment	Actual capacity	Capacity required*	Type of integrity test	Other test type	Test date	site?	Results of test	explanation <50 words	Corrective action taken	for retest	report
	SELECT SELECT					SELECT			SELECT	SELECT		SELECT SELECT		_
		nt rule as detailed in your licence				SELECT	Commentary		SELECT	SELECT		SELECT		
		lance with licence requirements a	and are all structures tested ir	1			Commentary							
ne with BS8007/EPA G	Guidance?			bunding and storage guide	elines	N/A	No testing carried out							
	systems to remote conta					N/A								
re channels/transfer s	systems compliant in bo	th integrity and available volume	±?			N/A								
Pineline/undergro	und structure testing													
r ipeline/ dildergrot														
				. 2.6 1 60										
			nd structures e.g. pipelines or s				No testing carried out							
nderground structures	s and pipelines on site w	which failed the integrity test and				Yes	No testing carried out							
nderground structures lease provide integrity	s and pipelines on site way testing frequency perio	which failed the integrity test and	d all which have not been test	ted withing the integrity test			No testing carried out							
nderground structures lease provide integrity please note integrity to	s and pipelines on site way testing frequency perion esting means water tigh	which failed the integrity test and od itness testing for process and fou	d all which have not been test	ted withing the integrity test		Yes	No testing carried out							
inderground structures Please provide integrity please note integrity to	s and pipelines on site way testing frequency perion esting means water tigh	which failed the integrity test and od	d all which have not been test	ted withing the integrity test		Yes	No testing carried out							
nderground structures lease provide integrity please note integrity to	s and pipelines on site way testing frequency perion esting means water tigh	which failed the integrity test and od itness testing for process and fou	d all which have not been test	ted withing the integrity test		Yes	No testing carried out]		
nderground structures lease provide integrity please note integrity to	s and pipelines on site way testing frequency perion esting means water tigh	which failed the integrity test and od itness testing for process and fou	d all which have not been test	ted withing the integrity test		Yes	No testing carried out							
nderground structures lease provide integrity please note integrity to	s and pipelines on site way testing frequency perion esting means water tigh	which failed the integrity test and od itness testing for process and fou	d all which have not been test	ted withing the integrity test		Yes	No testing carried out	Integrity test						
nderground structures ease provide integrity please note integrity to	s and pipelines on site way testing frequency perion esting means water tigh	which failed the integrity test and od itness testing for process and fou	d all which have not been test	your licence) Type of secondary		Yes 3 years	No testing carried out	Integrity test	Corrective action	Scheduled date	Results of retest(if in current			
nderground structures ease provide integrity blease note integrity to	s and pipelines on site w testing frequency perio esting means water tigh B2: Summary details of Type system	which failed the integrity test and of the strength of the str	d all which have not been test all pipelines (as required under a s integrity test Does this structure have Secondary containment?	your licence) Type of secondary		Yes	Results of test		Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)			
nderground structures ease provide integrity olease note integrity to Table	s and pipelines on site w testing frequency perio esting means water tigh B2: Summary details of	which failed the integrity test and obtained the state of	d all which have not been test Il pipelines (as required under use integrity test Does this structure have	your licence) Type of secondary	period as specified	Yes 3 years		failure explanation						
nderground structures ease provide integrity olease note integrity to Table	s and pipelines on site w testing frequency perio esting means water tigh B2: Summary details of Type system	which failed the integrity test and of the strength of the str	d all which have not been test all pipelines (as required under a s integrity test Does this structure have Secondary containment?	your licence) Type of secondary containment	period as specified Type integrity testing	Yes 3 years Integrity reports maintained on site?	Results of test	failure explanation			reporting year)			
nderground structures ease provide integrity to please note integrity to Table	s and pipelines on site w testing frequency perio esting means water tigh B2: Summary details of Type system	which failed the integrity test and of the strength of the str	d all which have not been test all pipelines (as required under a s integrity test Does this structure have Secondary containment?	your licence) Type of secondary containment	period as specified Type integrity testing	Yes 3 years Integrity reports maintained on site?	Results of test	failure explanation			reporting year)			
inderground structures Please provide integrity please note integrity to Table	s and pipelines on site w testing frequency perio esting means water tigh B2: Summary details of Type system	which failed the integrity test and of the strength of the str	d all which have not been test all pipelines (as required under a s integrity test Does this structure have Secondary containment?	your licence) Type of secondary containment	period as specified Type integrity testing	Yes 3 years Integrity reports maintained on site?	Results of test	failure explanation			reporting year)			
inderground structures Please provide integrity please note integrity to Table	s and pipelines on site w testing frequency perio esting means water tigh B2: Summary details of Type system	which failed the integrity test and of the strength of the str	d all which have not been test all pipelines (as required under a s integrity test Does this structure have Secondary containment?	your licence) Type of secondary containment	period as specified Type integrity testing	Yes 3 years Integrity reports maintained on site?	Results of test	failure explanation			reporting year)			
inderground structures Please provide integrity please note integrity to Table	s and pipelines on site w testing frequency perio esting means water tigh B2: Summary details of Type system	which failed the integrity test and obtes testing for process and four pipeline/underground structures Material of construction: SELECT	d all which have not been test all pipelines (as required under a s integrity test Does this structure have Secondary containment?	red withing the integrity test your licence) Type of secondary containment SELECT	Type integrity testing SELECT	Yes 3 years Integrity reports maintained on site?	Results of test	failure explanation			reporting year)			

Groundwater/Soil monitoring template Lic No: W0216-01 Year 2013

Comments

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
2 Are you required to carry out soil monitoring as part of your licence requirements?	SELECT	interpretation box below or if you require additional space please
Do you extract groundwater for use on site? If yes please specify use in comment section $\label{eq:comment} {\bf 3}$	SELECT	include a groundwater/contaminated land monitoring results interpretaion as an additional section in this AER
Do monitoring results show that groundwater generic assessment criteria such as GTVs or IGVs are exceeded or is 4 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 monit	<u>s</u> 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

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

Tubic 2.	Downgradic	inc Ground	water mome	oring results					
Date of sampling	Sample location reference	Parameter/ Substance		Monitoring frequency	Maximum Concentration	Average Concentration	unit	GTV's*	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
							SELECT		SELECT
							SELECT		SELECT

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

**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 wat Groundwater re Drinking water (priv Drinking water (public su Interim Guideline Value

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:

W0216-01

Year

2013

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

		าta	

			Commentary
1	ELRA initial agreement status	Submitted and agreed by EPA	
	ELRA review status	Review required and completed	
3	Amount of Financial Provision cover required as determined by the latest ELRA	€25,000	
4	Financial Provision for ELRA status	Submitted and agreed by EPA	
5	Financial Provision for ELRA - amount of cover	€25,000	
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	

Environ	mental Management Programme/Continuous Improvement Programme temp	plate	Lic No:	W0216-01	Year 2013	
	Highlighted cells contain dropdown menu click to view	Additional Information				
1 Do you m	naintain an Environmental Management System (EMS) for the site. If yes, please detail in additional information	Yes	Submit	ted to the Agency in 2006		
2 Does	s the EMS reference the most significant environmental aspects and associated impacts on-site	Yes		Updated Annually		
Does the I	EMS maintain an Environmental Management Programme (EMP) as required in accordance with the					
3	licence requirements	Yes		Updated Annually		
Do y	rou 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 the facility EMS		

Environmental Management Programme (EMP)	report				
Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
	In 2013 we aimed to recycle 30% of all waste received. In 2014 we aim to review recycling and disposal tonnages on a monthly basis and identify methods to increase rates, if possible. We aim to recycle 34% of all waste received		In 2013 we reviewed our recycling and disposal tonnage on a monthly basis and achieved a recycling rate		Improved Environmental
Waste reduction/Raw material usage efficiency	in 2014.	90	of 33%.	Section Head	Management Practices
	Barna Recycling T/A Joe Mc Loughlin Waste Disposal is licensed to handle 24,990 tonnes of waste per annum. Storage:- We aimed in 2013 to find regular outlets for plastic to stop stockpiling occurring. Bund:- We aimed in 2013 to have the integrity and water tightness of all bunding structures tested in 2013.		The total quantity of waste accepted at the premises in the reporting period was 16,000 tonnes, the total tonnage recycled was 5381, and the total of disposal tonnage was 10619. Storage:- We found an outlet for Plastic and are no longer stockpiling. Bund:- We were unable to test our bunds in 2013 due to financial pressure. They were tested in January 2014.		Increased compliance with
Materials Handling/Storage/Bunding		70		Section Head	licence conditions

r	Review all staff training records regularly to identify training requirements.	All staff training records where reviewed in 2013 the following training took place:- Forklift Training and 360°c Excavator Training. All machinery in the yard where tested and passed by King Mechanical Services.	Improved Environmental Management Practices
i C	Continue to review and improve the structure of our Domestic routes to make them more efficient/economical	We have introduced some twinpac lorries and are in the process of introducing pay by weight, we have also started rolling out the brown bin to our domestic customers.	Improved Environmental Management Practices

Noise monitoring summary report	Lic No:	Wo216-01	Year 20
1 Was noise monitoring a licence requirement for the AER period?		Yes	
If yes please fill in table N1 noise summary below		163	
		.,	
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	Yes n	
3 Does your site have a noise reduction plan		No	
4 When was the noise reduction plan last updated?		Enter date	
5 Have there been changes relevant to site noise emissions (e.g. plant or operational changes) since the last noise survey?		No	

Table N1: No	oise monitorin	ng summary									
Date of monitoring	Time period	Noise location (on site)	Noise sensitive location -NSL (if applicable)	LA _{eq}	LA ₉₀	LA ₁₀	LA _{max}	Tonal or Impulsive noise* (Y/N)	If tonal /impulsive noise was identified was 5dB penalty applied?	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is <u>site</u> compliant with noise limits (day/evening/night)?
18/11/2013	3X30 minutes	N1:- Inside main gate		60.4, 64.4, 63.9	35.7, 47.2, 47.8	62.5, 68.6, 67.5	81.9, 80.7, 80.7	No	N/A	Traffic entering & leaving the site	Yes
18/11/2013	3X30 minutes	N2:- Top open entrance to processing shed		57.5, 62.6, 49.0	51.0,47.1,38.2	62.4,44.4,48.8	74.6, 82.5, 77.4	No	N/A	Engine noise from the shed	Yes
18/11/2013	3X30 minutes	N3:- Front of processing shed		70.5, 70.8, 69.8	69.7, 66.1, 61.8	71.3, 72.4, 71.9	83.5, 82.3, 84.3	No	N/A	Truck engines	Yes
18/11/2013	3X30 minutes	N4:- Back of processing shed		58.7, 51.9, 56.8	48.7, 46.6, 48.4	62.1, 55.4, 59.3	84.3, 73.0, 82.7	No	N/A	Loading operations within the shed	Yes
18/11/2013	3X30 minutes		N5:- House across the road from main entrance	69.4, 67.5, 67.0	49.2, 47.2, 47.1	70.1, 67.3, 67.0	92.1, 87, 87.1	No	N/A	Road traffic , radio close by the site	No
20/11/2013	3X30 minutes		N6:- Farm house North East of site	64.4, 51.5, 51.3	48.7, 46.4, 45.5	60, 54.4, 54.6	95.1, 68.9, 67.3	No	N/A	Inclement weather conditions	Yes
18/11/2013	3X30 minutes		N7:- House North of site	48.9, 46.9, 58.1	38.3, 37.4, 41.9	52.5, 50.6, 62.6	75.2, 68.6, 74.9	No	N/A	Traffic from main road	Yes
20/11/2013	3X30 minutes		N8:- House by Blackrock Lake	53.2, 55.8, 54.4	41.6, 46, 48.1	56.0, 56.2, 57.3	80.6, 93.6, 71.6	No	N/A	Inclement weather conditions	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

operational changes

The radio noise is gone due to the builders completing there work, the traffic has reduced due to less volumes of waste coming into the site.

Any additional comments? (less than 200 words)

2013

Additional info	ormation
-----------------	----------

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

Is the site a member of any accredited programmes for reducing energy usage/water conservation such as

2 the SEAI programme linked to the right? If yes please list them in additional information

Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in

additional information

in table 3 below	Enter date of au	2007	
5			
SEAI - Large Industry	No		
state percentage in			
	N/A		

	Table R1 E	nergy usage on site			
	Energy Use	Previous year	Current year	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
	Total Energy Used (MV	N/A	N/A	N/A	
	Total Energy Generated	N/A	N/A	N/A	
	Total Renewable Energ	N/A	N/A	N/A	
	Electricity Consumption	140736	94094	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/Sc	lid 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	None			
	Renewable energy generated on site	None			

^{*} 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 V	Water usage on site	N/A			Water Emission: Water Consumption			
Water use	Water extracted Previous year m3/yr.		Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*	Discharged back to environment(m	Volume used i.e not discharged to environment e.g. released as steam m3/yr	Unaccounted for Water:	
Groundwater								
Surface water								
Public supply								
Recycled water								
Total								

^{*} where consumption of water can be compared to overall site production please enter this information as percentage increase or decrease compared to the previous reporting year.

^{**} where site production information is available please enter percentage increase or decrease compared to previous year

Table R3 Waste Stream Summary		N/A				
Total		Landfill	Incineration	Recycled	Other	
ı	Hazardous (Tonnes)					

Resource Usage/Energy efficiency summary 2013 W0216-01 Lic No: Year Table R4: Energy Audit finding recommendations Description of Measures Predicted energy Implementatio Date of audit Recommendations proposed Origin of measures savings % n date Responsibility Completion date Status and comments 14/06/2007

161,704.30

237.5

2009 & 2010

2007

Management

Management

On-going

On-going

Recored on Forms 8&9

Recorded yearly

N/A

energy audit

energy audit

SELECT

Table R5: Power Gene	ration: Where power is generate	d onsite (e.g. power generation	facilities/food and d	rink industry)please c	omplete the follo
	Unit ID	Unit ID	Unit ID	Unit ID	Station Total
Technology					
Primary Fuel					
Thermal Efficiency					
Unit Date of Commissi	on				
Total Starts for year					
Total Running Time					
Total Electricity General	ated (GWH)				
House Load (GWH)					
KWH per Litre of Proce	ess Water				
KWH per Litre of Total	Water used on Site				

Assess water usage on site

Reduce energy bill

Monitoring & Targets

Change electrivity supplier

14/06/2007

Complaints and Incidents summary template Lic No: W0216-01 Year 2013 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

	Table 1 Complaints summary		7				
Date	Category	Other type (please specify)	P	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 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 *For information on how to report and what constitutes an incident What is an incident

Table 2 Incidents summary

Tubic 2 inclucints su	i i i i i i i i i i i i i i i i i i i													
						Other	Activity in				Preventative			
			Incident category*please			cause(please	progress at time			Corrective action<20	action <20		Resolution	Likelihood of
Date of occurrence	Incident nature	Location of occurrence	refer to guidance	Receptor	Cause of incident	specify)	of incident	Communication	Occurrence	words	words	Resolution status	date	reoccurence
	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
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
Total number of														

Total number of incidents current year Total number of incidents previous year % reduction/ increase

WASTE SUMMARY	Lic No:	W0216-01	Year	2013	
CECTION A DOTO ON CITE WASTE TREATMENT AND WASTE TRANSFERS TAR. TO BE COMPLETED BY	ALL IDDC AND WASTE FACILITIES	name of the state of		No. 10 to a second	

SECTION B- WASTE ACCEPTED ONTO SITE-TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES		
		Additional Information
Were any wastes accepted onto your site for recovery or disposal or treatment prior to recovery or disposal within the boundaries of your facility?; (waste generated within your boundaries is to be captured through PRTR reporting)	Yes	
If yes please enter details in table 1 below		
2 Did your site have any rejected consignments of waste in the current reporting year? If yes please give a brief explanation in the additional information	No	

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

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)

				-	wastes generated at your s		1				
Licenced annual tonnage limit for your site (total tonnes/annum)	EWC code	Source of waste accepted		Quantity of waste accepted in current reporting year (tonnes)	Quantity of waste accepted in previous reporting year (tonnes)	Reduction/ Increase over previous year +/ - %	Reason for reduction/ increase from previous reporting year	Packaging Content (%)- only applies if the waste has a packaging component	Disposal/Recovery or treatment operation carried out at your site and the description of this operation	Quantity of waste remaining on site at the end of reporting year (tonnes)	Comments -
	European waste Catalogue EWC codes		European Waste Catalogu								
		20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES)					Increase due to waste diverted from		D13- Blending or mixing prior to submission to any of the		
24,990	20 03 01	INCLUDING SEPARATELY COLLECTED FRACTIONS	Mixed Municipal Waste	10,619	8,705		Bergin site	09	operations numbered D1 to D12	0	
24,330	20 03 01		rimea municipal muste	10,019	8,703		Slight increase does	0,4	R13-Storage of waste pending		
		20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY					vary from year to	33% packaqinq & 67%	any of the operations numbered R1 to R12 (excluding temporary		
	20 01 99	COLLECTED FRACTIONS	Mixed Dry Recyclables	2230	2173		year	non-packaging	storage)	О	
	20 01 10	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Clothes	0.34	0.56			0%	R5-Recycling/reclamation or other inorganic materials which includes soil cleaning resuling in recovery of the soil and recycling of inorganic construction materials	o	
	20 01 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Paper	0	3		Paper is being recycled in MDR bin	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	12	8		Slight increase does vary from year to year	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	2	
	20 01 40	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Metal	4	19		More Metal being put in skips		R4- Recycling/reclamation of metals and metal compounds	9	

20 10 10 10 10 10 10 10	WASTE SUMMARY					Lic No:	W0216-01		Year	2013	
ACCURATE WATER AND A MARKET IN CONTROL AND A MARKET IN	AJIE JOHNAKI					LIC NO.	VV0210-01		rear	-	
SOME ACCOUNTED TO THE STATE ACCOUNTS AND ACCOUNTS AND ACCOUNTS ACCOUNTS AND ACCOUNTS								Jugiit ucticuse		,	
MONTH MARCH MONTH MONT										-	
### MONTH PRINCIPAL WATER 15 1942								varies from year to			
20 20 20 20 20 20 20 20											
Sight decrease 1.5 WAST PACAGING ARROWNESS SCHOOL ARROWNESS SCH		70.07.07			4643	4745					
15 NOTE PLANTED AND CONTROLLED AND PROTECTION AND P		20 03 07	COLLECTED FRACTIONS	skips	1643	1/12	2	- '	0%		U
35- MASTE MICKEGING ABSORBERTS, WHITE CLUTHOR, PROTECTIVE CORTINUE AND OTHERWISE PERCENCIPO Corticol of Corticol of ST7 ST7 ST7 ST7 ST8 SUBJECT MICKEGING CORTING CORTING PROTECTIVE CLUTHOR CORTING ASSORBERTS, WHITE CLUTHOR, PROTECTIVE CLUTHOR, ASSORBERTS, WHITE CLUTHOR, ASSORBERTS, WHITE CLUTHOR, ASSORBERTS, WHITE CLUTHOR, PROTECTIVE CLUTHOR, PROTECTIVE CLUTHOR, PROTECTIVE CLUTHOR, ASSORBERTS, WHITE CLUTHOR, PROTECTIVE CLUTHOR, ASSORBERTS, WHITE CLUTHOR, PROTECTIVE CLUTHOR, ASSORBERTS, WHITE CLUTHOR, A								Siignt aecrease			
## A STATE PACKADING, ARRIGADING, ARRIVERS SERVICED CONTROLLED CON										-	
ASSOCIATION, FOR THE METERS AND CONTREVENCE SPECIFIED 15 0.0 02 OFFICE METERS SPECIFIED 15 0.0 02 OFFI SPECIFIED 16 0.0 02 OFFI SPECIFIED 17 0.0 02 OFFI SPECIFIED 18 0.0 02 OF			15- WASTE PACKAGING:								
15 01 01 Oriented Services 17 00 00 Oriented 17 00								varies from year to			
15 01 01 OTHERWISE SPECIFIED 15 WASTE PACKAGING, ASSORBERTS, WINNING COTTING, ASSORBERTS, WINNING COTT											
Sight increase does 12% poolinging & 48% Sheetynlagh-chamblon or other incodes material which includes sold cleaning resulting in recovery of the solal and recovery of the so		15.01.01		Cardbaard	537	577	_		100%		11
15 WASTE PACKAGING ABSORBERUS WINDER CLOTES AB		15 01 01	OTHERWISE SPECIFIED	Caraboara	527	5/5)	- '			11
ASSMEDIATE NOT OTHERWISE STECTED IN THE LETTER AND OTHERWISE STEEL AND								Slight increase aces	52% packaging & 48%		
ASSORBENTS, WHINDE CLOTHING, WHITE OUT THE MATTER MAY PROTECTIVE CLOTHING NOT OF THE C			15 WASTE BASKASING								
FILTER MATERIALS AND PROTECTIVE CONTRINING DY PROTECTIVE CONTRINING SYPCHIED 15 USEST PACKAGING ARROPMS SYPCHIED 16 USEST PACKAGING ARROPMS SYPCHIED 16 USEST PACKAGING ARROPMS SYPCHIED 17 USEST PACKAGING ARROPMS SYPCHIED 16 USEST PACKAGING ARROPMS SYPCHIED 17 USEST PACKAGING ARROPMS SYPCHIED 17 USEST PACKAGING ARROPMS SYPCHIED 18 USEST PACKAGING ARROPMS SYPCHIED 18 USEST PACKAGING ARROPMS SYPCHIED 19 USEST PACKAGING ARROPMS SYPCHIED 10 USES								vary from year to			
Solid Commence Processes											
Sught increase does of AS Recycling/rechamation or other management metals which ackdes solt cleaning resulting in recovery of the soil and recycling of improving a construction materials. An ackdes solt cleaning resulting in recovery of the soil and the soil recovery of the soil and recovery of the											
15- WASTE PACKAGING: ABSORBERTS, WINNOC CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFED 15 01 07 OTHERWISE SPECIFED 16 01 03 FROM CONTRIVENDED 17 02 01 FROM CONTRIVENDS 18 00 04 19 00 04 10 05 05 05 05 05 05 05 05 05 05 05 05 05		15 01 02	OTHERWISE SPECIFIED	Plastic	22	7	7		non-packaging		8
ASSORBENTS, WASTE RACKAGING: ARSORBENTS, WHITE COUTING. FILTER MATERIALS AND PROTECTIVE COUTING NOT OTHERWISE SPECIFIED 15 01 07 OTHERWISE SPECIFIED 16 01 03 16 - WASTES NOT OTHERWISE 16 01 03 17 - CONSTRUCTION AND DEMOLITION WASTES OF PROMOCONTAMINATED STIES) 17 02 01 18 FROM CONTAMINATED STIES) 18 FROM CONTAMINATED STIES) 19 CONSTRUCTION AND DEMOLITION WASTES (INCLUDING RECAWATES SOIL PROMOCONTAMINATED STIES) 17 05 04 18 FROM CONTAMINATED STIES) 18 Store 295 242 Vary from year to Includes soil cleaning resuling in recovery of the soil and recycling of inorpanic A Shepcyking/reclamation or other inorpanic materials which includes soil cleaning resuling in recovery of the soil and recycling of inorpanic ON construction materials O Slight increase does A Shepcyking/reclamation or or organic sustainces which includes sopherials include sopherials include sopherials include sopherials include sopherials include sopherials include soil cleaning resuling in recovery of the soil and recycling of inorpanic O CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATES SOIL) O CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATES SOIL) O CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATES SOIL) O CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATES SOIL) O CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATES SOIL) O CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATES SOIL) O CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATES SOIL) O CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATES SOIL) O CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATES SOIL) O CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATES SOIL) O CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATES SOIL) O CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATES SOIL) O CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATES SOIL) O CONSTRUCTION AND DEMOLITION WASTES (INCLUDING								Slight increase does			
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### ILER MATERIALS AND PROTECTIVE COLTHINK NOT PROTECT								vary from year to			
PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED Glass packaging 251 210 year 1006, construction materials 42 Tyres are being put 16. **R-Recycling/eclamation or alther includes sail cleaning returning in recovery of the sail and sail								,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Tyres are being put S-Requesting/reclamation or other inorganic materials which includes soil cleaning resulting in recovery of the soil and s										recycling of inorganic	
ather inarquanic materials which includes soil cleaning resulting in recovery of the soil and recovering of the soil and recovery of the soil and recovering the soil cleaning resulting in recover of the soil and recovering of the soil and recovering the soil cleaning resulting in recovering of the soil and recovery of the soil and reco		15 01 07	OTHERWISE SPECIFIED	Glass packaging	251	210)	year	100%	construction materials	42
16-WASTES NOT OTHERWISE 16-01-03 SPECIFIED IN THE LIST End-of-life Tyres 0 2 into skips 0% construction materials 0								Tyres are being put		R5-Recycling/reclamation or	
16-01 03 SPECIFIED IN THE UST SPECIFIED IN THE USE										other inorganic materials which	
16 01 03 SPECIFIED IN THE UST SIIght increase does SIIght increase does SIIght increase does ON SIIght increase does ON SIIght increase does SIIght increase does ON SIIght increase does ON SIIght increase does SIIght increase does ON SIIght increase does ON SIIght increase does ON SIIght increase does ON SIIght increase does SIIght increase does ON										includes soil cleaning resuling in	
16 01 03 SPECIFIED IN THE LIST End-of-life Tyres 0 2 Into skips 0% construction materials 0 Slight increase does 78.3 Recycling/reclamation or or organic substances which are not used as solvents (including composting another biological transformation process) which are not used as solvents (including composting another biological transformation process) which includes gasification and gasification and includes gasification and includes gasification and gasifi										recovery of the soil and	
Slight increase does A3-Recycling/reclamation or organic substances which are not used as solvents (including composting and micules gasification and includes signification and includes gasification and includes soil claiming resulting in recovery of the soil and recycling of inorganic includes soil claiming resulting in recovery of the soil and recycling of inorganic includes soil claiming resulting in recovery of the soil and recycling of inorganic includes soil claiming resulting in recovery of the soil and recycling of inorganic includes soil claiming resulting in recovery of the soil and recycling of inorganic includes soil claiming resulting in recovery of the soil and recycling of inorganic includes soil claiming resulting in recovery of the soil and recovery of the			16- WASTES NOT OTHERWISE							recycling of inorganic	
organic substances which are not used as solvents (Including composting another biological transformation processes) which includes sos/fication and pyrofism year to composting another biological transformation processes) which includes sos/fication and pyrofism includes sos/fication and pyrofism of the increase does includes a sos/fication and pyrofism of the increase does includes sos/fication and purpose inc		16 01 03	SPECIFIED IN THE LIST	End-of-life Tyres	0	2	2	into skips	0%	construction materials	0
17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL DEMOLITION AND DEMOLITION AND DEMOLITION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL DEMOLITION AND DEMOLITION AND DEMOLITION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL DEMOLITION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL DEMOLITION WASTES (INCLUDING								Slight increase does		R3-Recycling/reclamation or	
17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL 17- CONSTRUCTION EXCAVATED SOIL 17- CONSTRUCTIO										organic substances which are	
17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES) 17- 02-01 17- 02-01 17- 02-01 17- 02-01 17- 02-01 17- 02-01 17- 03-0										not used as solvents(including	
DEMOLITION WASTES (INCLUDING EXCAVATED SOIL 17 02 01 FROM CONTAMINATED SITES) Wood 41 37 year 52% pyroliss 0 Slight increase does R5-Recycling/reclamation or other inorganic materials which includes soil cleaning resuling in recovery of the soil and recycling of inorganic 17 - CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL 17 05 04 FROM CONTAMINATED SITES) Soil & Stone 295 242 year 0% construction materials Not recorded R5-Recycling/reclamation or other inorganic materials which includes soil cleaning resuling in recovery of the soil and recycling of inorganic			47 CONCTRUCTION AND					vary from year to		composting another biological	
INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES) Wood 41 37 year 52% pyrolisis 0 Slight increase does 417-CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL 42 43 44 45 46 47 47 48 48 48 49 49 49 49 528 49 528 49 528 49 528 49 528 528 528 528 528 528 528 528 528 528										transformation processes)which	
Slight increase does AS-Recycling/reclamation or other inorganic materials which includes soil cleaning resuling in recovery of the soil and recycling of inorganic 17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES) 17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING WASTES SITES) 17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES) 18- Slight increase does AS-Recycling/reclamation or other inorganic materials O Not recorded RS-Recycling/reclamation or other inorganic materials which includes soil cleaning resuling in recovery of the soil and recycling of inorganic										includes gasification and	
17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL 18- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL 18- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL		17 02 01	FROM CONTAMINATED SITES)	Wood	41	37	7	year	52%	pyrolisis	0
17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL 17 05 04 FROM CONTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL 17 05 04 FROM CONTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL 17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL 18- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL)								Slight increase does		R5-Recycling/reclamation or	
17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL 17 05 04 FROM CONTAMINATED SITES) Soil & Stone 295 242 year 0% construction materials 0 Not recorded R5-Recycling/reclamation or other inorganic materials which includes soil cleaning resuling in recovery of the soil and recycling of inorganic										other inorganic materials which	
DEMOLITION WASTES (INCLUDING EXCAVATED SOIL 17 05 04 FROM CONTAMINATED SITES) FROM CONTAMINATED SITES) Soil & Stone 295 242 year Proceeding for inorganic Not recorded R5-Recycling/reclamation or other inorganic materials which includes soil cleaning resuling in recovery of the soil and permoting Winching ExcavateD SOIL 17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL								vary from year to		includes soil cleaning resuling in	
(INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES) Soil & Stone 295 Not recorded Not recorded 17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL (INCLUDING EXCAVATED SOIL TO SOIL & Stone 295 242 year Not recorded Not recorded Not recorded recycling/reclamation or other inorganic materials which includes soil cleaning resuling in recovery of the soil and recycling of inorganic								vary from year to		recovery of the soil and	
17 05 04 FROM CONTAMINATED SITES) Soil & Stone 295 242 year 0% construction materials 0 Not recorded RS-Recycling/reclamation or other inarganic materials which includes soil cleaning resuling in recovery of the soil and recycling EXCAVATED SOIL										recycling of inorganic	
other inorganic materials which 17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL other inorganic materials which includes soil cleaning resuling in recovery of the soil and recovery of the soil and recycling of inorganic		17 05 04		Soil & Stone	295	242	2	year	0%	construction materials	0
other inorganic materials which 17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL other inorganic materials which includes soil cleaning resuling in recovery of the soil and recovery of the soil and recycling of inorganic								Not recorded		R5-Recycling/reclamation or	
17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL recycling of inorganic											
DEMOLITION WASTES (INCLUDING EXCAVATED SOIL recycling of inorganic										includes soil cleaning resuling in	
DEMOLITION WASTES (INCLUDING EXCAVATED SOIL recycling of inorganic										recovery of the soil and	
INCLUDING EXCAVALED SOIL											
		17 01 07		Rubble	356)	separately in 2012	0%		0

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

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

Yes	
Yes	
Yes Yes	
Yes	

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

⁶ Does your facility have relevant nuisance controls in place?

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

⁸ Do you maintain a sludge register on site?

WASTE SUMMARY Lic No: W0216-01 Year 2013

SECTION D-TO BE COMPLETED BY LANDFILL SITES ONLY Table 2 Waste type and tonnage-landfill only

rable 2 waste type and tonnage-landfill only				

Waste types permitted for disposal	Authorised/licence annual intake for disposal (tpa)	Actual intake for disposal in reporting year (tpa)	Remaining licensed capacity at end of reporting year (m3)	Comments
tor disposar	disposai (tpa)	reporting year (tpa)	reporting year (iii3)	Comments

Table 3 General information-Landfill only

Area ID	Date landfilling commenced	Date landfilling ceased	Currently landfilling	Private or Public Operated	Inert or non-hazardous	Predicted date to cease landfilling	Licence permits asbestos	Is there a separate cell for asbestos?	Total disposal area occupied by waste	Lined disposal area occupied by waste	Unlined area	Comments on liner type
									SELECT UNIT	SELECT UNIT	SELECT UNIT	
Cell 8												

WASTE SUMMARY				Lic No:	W0216-01		Year
Table 4 Environme	ntal monitoring-landfill only	Landfill Manual-Monitoring Star	ndards				
	Was leachate monitored in compliance with LD standard in reporting year	Was Landfill Gas monitored in compliance with LD standard in reporting year		Were emission limit values agreed with	the site surveyed in	Has the statement under S53(A)(5) of WMA been submitted in reporting year	Comments
.+ please refer to Landfil	l Manual linked above for relevant Landfi	II Directive monitoring standards					
Table 5 Capping-La	ndfill only	-					

	Area uncapped*	Area with temporary cap			Area with waste that should be permanently		
SE	LECT UNIT	SELECT UNIT	Area with final cap to LD Standard m2 ha, a	Area capped other	capped to date under licence	What materials are used in the cap	Comments

*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

SELECT SELECT

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

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

Table 7 Landfill Gas-Landfill only

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

Environmental Protection Agency

#VALUE! 16/04/2014 15:33

Guidance to completing the PRTR workbook

AER Returns Workbook

REFERENCE YEAR 2013

ersion 1.1.

1. FACILITY IDENTIFICATION

1. FACILITY IDENTIFICATION				
Parent Company Name Ba	arna Waste			
Facility Name Ba	arna Waste			
PRTR Identification Number W	V0216			
Licence Number W	V0216-01			

Waste or IPPC Classes of Activity

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.
3.13	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).
	Recycling or reclamation of metals and metal compounds.
	Recycling or reclamation of other inorganic materials.
Address 1	Ardcolum
Address 2	Drumshanbo
Address 3	Co Leitrim
Address 4	
	Leitrim
Country	
Coordinates of Location	
River Basin District	1-0-111011
NACE Code	
AER Returns Contact Name	Treatment and disposal of non-hazardous waste
AER Returns Contact Hame	
AER Returns Contact Position	, , , , , , , , , , , , , , , , , , ,
AER Returns Contact Telephone Number	
AER Returns Contact Mobile Phone Number	
AER Returns Contact Fax Number	*** **= **= *
Production Volume	0.0
Production Volume Units	
Number of Installations	
Number of Operating Hours in Year	0
Number of Operating Hours in Year Number of Employees	23
. ,	
User Feedback/Comments Web Address	0
FFED Address	0

2. PRTR CLASS ACTIVITIES

Z. I KIK OLAGO AGTIVITILO	
Activity Number	Activity Name
50.1	General
50.1	General

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

3. 30EVENTS REGULATIONS (3.1. NO. 343 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 onsite 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

16/04/2014 15:34 #VALUE! Please enter all quantities on this sheet in Tonnes 28 Haz Waste: Name and Licence/Permit No of Next Destination Facility Non Haz Waste : Address of Next Name and License / Permit No. and Quantity Haz Waste: Name and Licence/Permit No of Destination Facility
Non Haz Waste: Address of Address of Final Recoverer / Disposer (HAZARDOUS WASTE Actual Address of Final Destination (Tonnes per i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY) Method Used Year) Recover/Disposer Recover/Disposer ONLY) Waste European Waste Location of Treatment Description of Waste Operation M/C/E Method Used Transfer Destination Code Hazardous Treatment Carrowbrown Headford Barna Waste, Licence No. Road Co. 15 01 01 569.0 paper and cardboard packaging Weighed Offsite in Ireland W0106-02 Within the Country Nο R3 Galway,...,Ireland Carrowbrown Headford Barna Waste, Licence No. Road Co. Within the Country 15 01 02 Nο 6.0 plastic packaging R3 Offsite in Ireland W0106-02 Galway,,,,,,Ireland Weighed Rehad Glassco Ltd., WFP-Carragh...Co. 15 01 07 236.0 glass packaging Offsite in Ireland KE-08-0357-01 Kildare N/A Ireland Within the Country Nο R5 Weighed Carrowbrown Headford Barna Waste Licence No. Road Co. Within the Country 17 02 01 No 41.0 wood R3 Weighed Offsite in Ireland W0106-02 Galway,...,.Ireland Tonyhabboc, Newtowncunnin Duffy Tyre Recycling, ROC gham,Co. Within the Country 16 01 03 No 0.0 end-of-life tyres R5 Weighed Offsite in Ireland 3758 WFP-DC-010-0118-01 Donegal, N/A, Ireland Arigna Fuels Ltd., Permit No. Derreenavoggy Td. Arigna 17 02 01 121 0 wood R3 Offsite in Ireland WRP-RN-09-0003-01 Within the Country No Weighed Co. Roscommon,.,.,Ireland Wilton Waste Recycling Kiffa Crosserlough Co. Within the Country 17 02 01 Nο 66.0 wood R3 M Weighed Offsite in Ireland Ltd. Permit No. WP 06/30 Cavan.....Ireland soil and stones other than those mentioned Patrick Gaynor Permit No. Castlerea Co. Within the Country 17 05 04 160.0 in 17 05 03 COR-RN-09-0013-01 Roscommon,...,Ireland Nο R5 Weighed Offsite in Ireland J.P.Bell.COR-MO-12-0018-Cloonlerin.Kilmovee.Co. soil and stones other than those mentioned Within the Country 17 05 04 135 0 in 17 05 03 R5 Offsite in Ireland Mayo Ireland Nο Weighed Envirogrind.Permit No. Pettigo Co. 704.0 biodegradable kitchen and canteen waste Within the Country 20 01 08 Nο R3 Weighed Offsite in Ireland ENV/143/WP04.08 Donegal,,,,,,Ireland Textile Recycling Ltd., Permit Tallaght Dublin No. WPRO14/2 Within the Country 20 01 10 No 0.34 clothes R5 Weighed Offsite in Ireland 24.....Ireland Grants Drive,402 Greenogue discarded electrical and electronic RII TA Enviromental Business Park Co. equipment other than those mentioned in 20 Within the Country 20 01 36 No 0.0 01 21, 20 01 23 and 20 01 35 R13 M Weighed Offsite in Ireland Ltd.,W0192-03 Dublin N/A Ireland mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 J.P.Bell,COR-MO-12-0018-Cloonlerin, Kilmovee, Co. Within the Country 17 01 07 357.0 01 06 R5 Offsite in Ireland 01 Mayo,,,Ireland No Weighed Jordanstowm discarded electrical and electronic Electrical Waste equipment other than those mentioned in 20 Management Ltd., WFP-DS-Drive.Rathcoole.Co. Offsite in Ireland 09-0012-01 Within the Country 20 01 36 Nο 12.0 01 21, 20 01 23 and 20 01 35 R3 M Weighed Dublin...Ireland 30 Lynton Gardens.Darlington.Co. Envirolink Durham, DL1 4PB, United To Other Countries 20 01 39 Nο 12.0 plastics R3 Recycling.IRE/AG134/12 Weighed Ahroad Kinadom Wilton Waste Recycling Kiffa Crosserlough Co. Weighed Cavan,...,Ireland Within the Country 20 01 40 Nο 89.0 metals R4 Offsite in Ireland Ltd. Permit No. WP 06/30 Carrowbrown Headford Barna Waste, Licence No. Road Co. Within the Country 20 01 99 No 1385.0 other fractions not otherwise specified R13 M Weighed Offsite in Ireland W0106-02 Galway,,,,,,Ireland Cloonagh, Drumlish, Co. Within the Country 20 01 99 No 722.0 other fractions not otherwise specified R13 M Weighed Offsite in Ireland Mulleady's Ltd., W0169-01 Longford, N/A, Ireland Johnstone, Renfrewshire, Sco tland.PA6 7EE.United Recycling.IRE/AG121/12 To Other Countries 19 12 04 No 27.0 plastic and rubber R13 Weighed Abroad Kingdom Drehid Landfill.Licence No. Killinagh Upper Carbury Co. Within the Country 20 03 01 9053.0 mixed municipal waste D13 W0201-03 Kildare,,,,,,Ireland No Weighed Offsite in Ireland Greenstar Knockharley Kentstown,..,Co. Within the Country 20 03 01 No 1471.0 mixed municipal waste D13 Weighed Landfill,W0146-02 Meath,..,Ireland Greenstar Ballynagran Kilcandra,,,Co. Within the Country 20 03 01 No 49.0 mixed municipal waste D13 Weighed Landfill.W0165-02 Wicklow...Ireland Indaver Incinerator, W0167-Carranstown.Duleek.Co. Within the Country 20 03 01 No 695.0 mixed municipal waste R1 Weighed Offsite in Ireland 02 Meath,.,Ireland Rathroeen Landfill, W0067-Ballina,..,Co.

498.0 mixed municipal waste

D13

Weighed

Offsite in Ireland

02

Mayo, N/A, Ireland

No

Within the Country 20 03 01

			Quantity (Tonnes per Year)				Method Used		Haz Waste: Name and Licence/Permit No of Next Destination Facility Nor Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste: Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
Transfer Destination	European Waste Code	Hazardous		Description of Waste	Waste Treatment Operation		Method Used	Location of Treatment				
Within the Country	20 03 01	No	0.0	mixed municipal waste	D13	М	Weighed		Ballynacarrick Landfill,W0024-04	Ballintra,,,Co. Donegal,N/A,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