Facility Information Summary	1		
AER Reporting Year	2014		
Licence Register Number	W0073		
Name of site	Ro	scommon L	andfill Facility
Site Location	Killar	ney Townla	nd, Roscommon
NACE Code		38	21
Class/Classes of Activity	3.11, 3.12, 3.1	L3, 3.4, 3.6,	3.7, 4.13, 4.2, 4.3,4.4, 4.
National Grid Reference (6E, 6 N)		8.15598	53.6378

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.

Landfilling at the facility ceased on December 31st 2001. A Recycling Centre is in operation at the site which accepts recyclables such as paper, glass and cardboard. Domestic waste is also accepted for disposal. 278.28 tonnes of mixed municipal waste was collected at the facility in 2014. Barna Waste service the site and remove the domestic mixed municipal waste compactor for pre-treatment prior to disposal. A total of 1983.675 tonnes of material was collected in 2014. The total amount of material accepted for recycling in 2014 was 1705.395 tonnes and the total figure for mixed municipal waste was 278.28 tonnes. One petrol interceptor installed on site in 2013. There were no incidents or complaints reported for the year 2014.

Surface water: The surface water parameters were within limits with exception of BOD and Ammonia, which is consistent with previous results. The surface water quality appears to be superior at SW1 in comparison to SW3 and SW7 which is consistent with observations made from previous monitoring periods.

Groundwater: Groundwater parameters were within limits with exception of Ammonia, Manganese and Iron, which is consistent with previous results.

Leachate: Leachate levels of parameters fluctuated during 2014, which is consistent with previous results. Landfill Gas Monitoring: In the first half of 2014 all the gas concentrations decreased from the level recorded in 2013 but increased again in the second half of 2014; which is consistent with previous results.

Declaration:

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

Signature	John Mockler	Date
Group/Facility manager		31/03/2015
(or nominated, suitably qualified and experienced deputy)		,,

	AIR-summary template	Lic No:	W0073	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	Additional informa Undertake landfill gas monitori basis at 10 no. gas extractio	ing on a biannual		
	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? checklist AGN2	Yes				
	Table A1: Licensed Mass Emissions/Ambient data-periodic monitoring (non-continuous)					

			ELV in licence or							Comments -reason for change in
Emission		Frequency of	any revision			Unit of	Compliant with		Annual mass	% mass load from previous year if
reference no:	Parameter/ Substance	Monitoring	therof	Licence Compliance criteria	Measured value	measurement	licence limit	Method of analysis	load (kg)	applicable
					0%v/v					
Site Office	Methane (CH4)	Once every 3 months	1.0%v/v	100 % of values < ELV			yes	Gas Analyser		
					0%v/v					
Site Office	Carbon dioxide (CO2)	Once every 3 months	1.5%v/v	100 % of values < ELV			yes	Gas Analyser		
					46.25					Management value is average from
Flare Outlet	volumetric flow					Nm3/hour				Measured value is average from available data.

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

	AIR-summary template	Lic No:	W0073	Year	2014	
	Continuous Monitoring					
4	Does your site carry out continuous air emissions monitoring?	SELECT		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)				7	
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 Table A2: Summary of average emissions -continuous monitoring	SELECT				
	Fmission Parameter/ Substance Averaging Period Compliance Criteria	Units of	Annual Emission	Annual maximum Monitoring	Number of FLV Comments	

Emission	Parameter/ Substance		Averaging Period	Compliance Criteria	Units of	Annual Emission	Annual maximum	Monitoring	Number of ELV	Comments
reference no:					measurement			Equipment	exceedences in	
								downtime (hours)	current	
		ELV in licence or							reporting year	
		any revision therof								
	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:	W0073		Year	2014	
Solvent	t use and manageme	nt on site								
Do you have a tota	al Emission Limit Value of d	irect and fugitive emi	ssions on site? if ye	s please fill out tables A4 and A5						
			Calvant	Please refer to linked solven	at requilations to	1	SELECT			
	ent Management Pla ission limit value	in Summary	Solvent regulations	complete table 5						
TOTAL VOC EIIII	ission illilit value									
Reporting year	Total solvent input on site (kg)	Total VOC emissions to Air	Total VOC emissions as %of		Compliance					
	Site (iig)	from entire site	solvent input	Total Emission Limit Value						
		(direct and fugitive)		(ELV) in licence or any revision therof						
				theroi	SELECT					
					SELECT	Ī				
Table A5:	Solvent Mass Balance	e summary	l .	•		_				
	(I) Inputs (kg)			(0)	Outputs (kg)					
Solvent	(I) Inputs (kg)			Collected waste solvent (kg)			Solvents destroyed			
	(1)pacs (1.6)	emission in waste	water (kg)		Solvent (kg)	in other ways e.g.	onsite through	Solvent to air (kg)		
							Total			

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER) Lic No: 2014 Additional information Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table W2 and W3 below for the current reporting year and answer further questions. If you do not have licenced emissions you <u>only</u> need to complete table The lagoon provides buffer storage for leachate pumped from the lined cells, before it is pumped to a tanker and transported to Roscommon W1 and or W2 for storm water analysis and visual inspections No WWTP. Was it a requirement of your licence to carry out visual inspections on any surface water 2 discharges or watercourses on or near your site? If yes please complete table W2 below Complete visual inpsection of 3 no. sampling locations on a biannual summarising only any evidence of contamination noted during visual inspections frequency. Table W1 Storm water monitoring ELV or trigger Licence Location Location Licenced Monitoring level in licence Unit of Compliant with elative to site PRTR Parameter Compliance Measured value reference Parameter date measurement or any revision licence activities criteria thereof* SELECT *trigger values may be agreed by the Agency outside of licence conditions Table W2 Visual inspections-Please only enter details where contamination was observed. Location Date of Source of Reference inspection Description of contamination contamination Corrective action SELECT SELECT

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

3	Was there any result in breach of licence requirements? If y comment section of Table W3		ef details in the	SELECT	Additional information
	Was all monitoring carried out in accordance with EPA				
	guidance and checklists for Quality of Aqueous Monitoring	External /Internal			
	Data Reported to the EPA? If no please detail what areas	Lab Quality	Assessment of		
4	require improvement in additional information box	checklist	results checklist	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		Compliant with licence			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

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)	Lic No	: W0073	Year	2014	
Continuous monitoring 5 Does your site carry out continuous emissions to water/sewer monitoring?	SELECT	Additional Information			
If yes please summarise your continuous monitoring data below in Table W4 and compare it to its relevant Emission Limit Value (ELV)					
Oid continuous monitoring equipment experience downtime? If yes please record downtime in table W4 below	SELECT				
	SELECT				
	SELECT				
Table W4: Summary of average emissions -continuous monitoring					

 Emission released to					'		Number of ELV exceedences in	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	Reason for	Corrective	Was a report	When was this report submitted?
			emissions	bypass	action*	submitted to the	
						EPA?	
						SELECT	

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

	ting template				Lic No:	W0073		Year	2014				
Bund testing	1	dropdown menu cli	ick to see ontions				Additional information			·			
			•				Additional mornidation						
		ntegrity testing on bunds and cont Il bunds which failed the integrity											
		le the licenced testing period (mol			e bullus illust be listeu ili								
ie table below, picase	e include an bullus outsid	the licenced testing period (mor	bile bullus allu chemstore int	iddedj		No							
ease provide integrity	y testing frequency period	d				SELECT							
		erground pipelines (including storr	mwater and foul), Tanks, sum	ps and containers? (contain	ners refers to "Chemstore"								
pe units and mobile b						SELECT							
ow many bunds are or													
		hin the required test schedule?											
ow many mobile bund													
	ncluded in the bund test	scneaule? sted within the required test scheo	4.4-2			SELECT							
	ite are included in the inte		auler										
		vithin the test schedule?											
	tegrity failures in table B												
	bers have high level liqui					SELECT							
		in a maintenance and testing pro	gramme?			SELECT							
		ur integrity test programme?				SELECT							
				_			•						
Tabl	le B1: Summary details of	f bund /containment structure int	egrity test										
									Integrity reports				
und/Containment									maintained on		Integrity test failure		Scheduled date
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
	SELECT	- I - I - I - I - I - I - I - I - I - I				SELECT			SELECT	SELECT		SELECT	
	SELECT					SELECT			SELECT	SELECT		SELECT	
	nply with 25% or 110% containmen						Commentary	_					
ias integrity testing be ne with BS8007/EPA G		nce with licence requirements and	d are all structures tested in	bunding and storage guideli	inee								
	Juluance:												
re channels/transfer s	systems to remote contain	nment systems tested?		bulluling and storage guider	<u>iries</u>	SELECT		_					
	systems to remote contain			bullaring and storage guiden	illes	SELECT							
		nment systems tested? h integrity and available volume?		burruing and storage guideli	iiies								
				buriding and storage guiden	illes	SELECT							
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Are channels/transfer s	systems compliant in bot	h integrity and available volume?				SELECT SELECT							
Are channels/transfer s Pipeline/undergro	systems compliant in bot ound structure testing ur licence to undertake in	h integrify and available volume?	structures e.g. pipelines or su	ımps etc ? if yes please fill c	out table 2 below listing al	SELECT SELECT							
Pipeline/undergrouse you required by you nderground structures	systems compliant in bot ound structure testing our licence to undertake in s and pipelines on site wi	h integrify and available volume? Integrify testing* on underground: hich failed the integrify test and a	structures e.g. pipelines or su	ımps etc ? if yes please fill c	out table 2 below listing al	SELECT SELECT							
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Groundwater/Soil monitoring template	Lic No:	W0073	Year	2014	
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Comments $_{\mbox{\scriptsize 1}}$ Are you required to carry out groundwater monitoring as part of your $\overline{\mbox{\scriptsize licence}}$ requirements? yes 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? no 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 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 Groundwater Report (link in cell G8) and submit separately through ALDER as monitoring a licensee return AND answer questions 5-12 below. template $_{\mbox{\scriptsize 5}}\,$ Is the contamination related to operations at the facility (either current and/or SELECT historic) 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 Levels of Ammonia were above the standard limit at GW4 and GW6, 9 Has any type of risk assesment been carried out for the site? SELECT which is consistent with results dating back to H2 2010. Concentrations 10 Has a Conceptual Site Model been developed for the site? SELECT of Iron and Manganese also continue to exceed the standard limit at 11 Have potential receptors been identified on and off site? SELECT both monitoring locations. 12 Is there evidence that contamination is migrating offsite? SELECT

Table	1.1	Ingra	taoib	Groun	dwatar	monitoring	roculte
rabie	1. (ואטעע	uieni	Groun	uwater	HIDHILOHINE	resuits

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
23/04/14 & 27/11/14	GW4	Ammonia	Competent lab	Biannually	2.96	2.315	mg/l	n/a	0.15	no
23/04/14 &			Competent lab	,	24.2			n/a	no abnormal change	
23/04/14 & 27/11/14	GW4	PH	Competent lab	Biannually	7.25	7.19		n/a	6.5-9.5	no
	GW4	Conductivity	Competent lab	Biannually	824	755.5	at 20°	n/a	1000	no
	GW4	Temprature	Competent lab	Biannually	11.9	10.4	۰	n/a	25	no
23/04/14 & 27/11/14	GW4	Levels	Competent lab	Biannually	0.9	0.8	mbgl	n/a	n/a	no
27/11/2014	GW4	Cadmium	Competent lab	Annually	<0.1	<0.1	ug/l	n/a	5	no
27/11/2014	GW4	Chromium	Competent lab	Annually	<1	<1	ug/l	n/a	30	no

Groundwa	ter/Soil mor	nitoring tem	plate		Lic No:	W0073		Year 2014			
27/11/2014	GW4	Copper	Competent lab	Annually	<0.003	<0.003	ug/l	n/a	30	no	
27/11/2014	GW4	Iron	Competent lab	Annually	2100	2100	ug/l	n/a	200	no	
27/11/2014	GW4	Lead	Competent lab	Annually	<0.3	<0.3	ug/l	18.75	10	no	
27/11/2014	GW4	Magnesium	Competent lab	Annually	21.6	21.6	mg/l	n/a	50000	no	
27/11/2014	GW4	Manganese	Competent lab	Annually	98	98	ug/l	n/a	50	no	
27/11/2014	GW4	Mercury	Competent lab	Annually	<0.02	<0.02	ug/l	0.75	1	no	
27/11/2014	GW4	Potassium	Competent lab	Annually	3.7	3.7	mg/l	n/a	5	no	
27/11/2014	GW4	Sulphate	Competent lab	Annually	18	18	mg/l	n/a	200	no	
27/11/2014	GW4		Competent lab	Annually	21	21	mg/l	n/a	150	no	
27/11/2014	GW4	Total Phosphorus	Competent lab	Annually	0.04	0.04	mg/l	n/a	0.03	no	
27/11/2014	GW4	Phenols	Competent lab	Annually	<0.15	<0.15	mg/l	n/a	0.5	no	
27/11/2014	GW4	Zinc	Competent lab	Annually	7.9	7.9	ug/l	n/a	100	no	

^{.+} where average indicates arithmetic mean

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

Table 2: Down	ngradient Grou	ndwater monit	toring 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
23/04/14 &			<u> </u>							
27/11/14	GW6	Ammonia	Competent lab	Biannually	30.62	17.15	mg/l	n/a	0.15	no
23/04/14 &				·					no abnormal	
27/11/14	GW6	DO	Competent lab	Biannually	22.2	15.05	mg/l and mg/l%SAT	n/a	change	no
23/04/14 &										
27/11/14	GW6	PH	Competent lab	Biannually	7.25	7.16		n/a	6.5-9.5	no
23/04/14 &										
27/11/14	GW6	Conductivity	Competent lab	Biannually	1030	845	at 20°	n/a	1000	no
23/04/14 &										
27/11/14	GW6	Temprature	Competent lab	Biannually	12.4	10.9	0	n/a	25	no
23/04/14 &										
27/11/14	GW6	Levels	Competent lab	Biannually	0.8	0.65	mbgl	n/a	n/a	no
27/11/2014	GW6	Cadmium	Competent lab	Annually	<0.1	<0.1	ug/l	n/a	5	no
27/11/2014	GW6	Chromium	Competent lab	Annually	<1	<1	ug/l	n/a	30	no

Groundwa	ter/Soil moi	nitoring tem	nplate		Lic No:	W0073			Year	2014		
27/11/2014	GW6	Copper	Competent lab	Annually	<0.003	<0.003		ug/l	n/a	30	no	
27/11/2014	GW6	Iron	Competent lab	Annually		880.00	880.00	ug/l	n/a	200	no	
27/11/2014	GW6	Lead	Competent lab	Annually	<0.3	<0.3		ug/l	18.75	10	no	
27/11/2014	GW6	Magnesium	Competent lab	Annually		18.20	18.20	mg/l	n/a	50000	no	
27/11/2014	GW6	Manganese	Competent lab	Annually		120.00	120.00	ug/l	n/a	50	no	
27/11/2014	GW6	Mercury	Competent lab	Annually	<0.02	<0.02		ug/l	0.75	1	no	
27/11/2014	GW6	Potassium	Competent lab	Annually		3.15	3.15	mg/l	n/a	5	no	
27/11/2014	GW6	Sulphate	Competent lab	Annually	BLD	BLD		mg/l	n/a	200	no	
27/11/2014	GW6	Sodium	Competent lab	Annually		17.70	17.70	mg/l	n/a	150	no	
27/11/2014	GW6	Total Phosphorus	Competent lab	Annually		0.08	0.08	mg/l	n/a	0.03	no	
27/11/2014	GW6	Phenols	Competent lab	Annually	<0.15	<0.15		mg/l	n/a	0.5	no	
27/11/2014	GW6	Zinc	Competent lab	Ī		15.40	15.40	ug/l	n/a	100	no	

*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 FPA.

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)

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

Table 3: Soil results

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

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

Environmental Liabilities template	Lic No:	W0073	Year	2014
Environmental Liabilities template	Lic No:	W0073	Year	

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

			Commentary
1	ELRA initial agreement status		The licensee has established and maintains a fund/ written guarantee, that is adequate to assure the Agency that the licensee is at all times financially capable of implementing the Restoration and Aftercare Plan required by Condition 8.1.
2	ELRA review status	n/a	
2	Assessment of Figure and Deposit in a second control of a debase field by the Labor FIDA	- 1-	
3	Amount of Financial Provision cover required as determined by the latest ELRA	n/a	
4	Financial Provision for ELRA status	n/a	
		,	
5	Financial Provision for ELRA - amount of cover	n/a	
6	Financial Provision for ELRA - type	n/a	
	·		
7	Financial provision for ELRA expiry date	n/a	
8	Closure plan initial agreement status	n/a	
9	Closure plan review status	n/a	
10	Financial Provision for Closure status	n/a	
11	Financial Provision for Closure - amount of cover	n/a	
12	Financial Provision for Closure - type	n/a	
13	Financial provision for Closure expiry date	n/a	

E	nvironmental Management Progra	mme/Continuous Imp	rovement Programme	e template	Lic No:	W0073	Year	201	
	Highlighted cells conta	in dropdown menu click to v	iew		Additional Information				
	Do you maintain an Environmental Mangem additio	nent System (EMS) for the sit onal information	e. If yes, please detail in	Yes		A revised Environmental Management Plan (EMP) for the facility was issued in December 2004.			
	Does the EMS reference the most significant	environmental aspects and a	associated impacts on-site	Yes					
I	Does the EMS maintain an Environmental Mar with the li	nagement Programme (EMP) cence requirements	as required in accordance	Yes					
	Do you maintain an environmental documen environmental performance of	•	•	Yes	Refer to Roscon http://www.roscommono _Managemer	ite			
Er	nvironmental Management Programme (EMP) report							
Ol	bjective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes			
ÇE	ELECT		SELECT		SELECT	SELECT			
_	ELECT		SELECT		SELECT	SELECT			
_	ELECT		SELECT		SELECT	SELECT			

	N	loise monitor	ing summary	report			Lic No:	W0073	Year	2014	
	•	ce requirement fo	•	1?				No]		
	-	out using the EPA		_	-	the	Noise Guidance note NG4	SELECT			
•		•						SELECT			
	there been changes relevant to site noise emissions (e.g. plant or operational cha							Enter date	_		
survey?											
Date of monitoring	Time period	Noise location	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)?
								SELECT	SELECT		SELECT
*Dlease ensure th	at a tonal analysis has l	peen carried out as per	guidance note NG4. Th	asa racords must	he maintained o	neite for future in	enection				
. rease crisule til	ac a contai unuiyaia 110a 1	see carried out as per p	garagnee note 1404. Th	ese records must	ocamtamed of		эрсоноп				

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

SELECT

** please explain the reason for not taking action/resolution of noise issues?	
prease explain the reason for not taking action, resolution of noise issues.	
Any additional comments? (less than 200 words)	
, , , , , , , , , , , , , , , , , , ,	

Resource L	Jsage/Energy efficiency summary	Lic No:	W0073	Year	201

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

SEAI - Large
h Industry Energy
Network (LIEN)
SELECT

n/a

SELECT

Additional information

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

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

Network (LIEN)

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

Table R1 Energy usag	e on site	1		
Energy Use	Previous year	Current year	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)	13573	12747		
Total Energy Generated (MWHrs)				
Total Renewable Energy Generated (N	/IWHrs)			
Electricity Consumption (MWHrs)	13573	12747	N/A	N/A
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)				
Light Fuel Oil (m3)				
Natural gas (m3)				
Coal/Solid fuel (metric tonnes)				
Peat (metric tonnes)				
Renewable Biomass				
Renewable energy generated on site				

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

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

Table R2 Water usage	e on site				Water Emissions	Water Consumption	
	Water extracted		compared to consumption if it		Volume Discharged	Volume used i.e not discharged to environment e.g. released as steam	
Water use	Previous year m3/yr.	Current year m3/yr.	year**	production*	environment(m ³ yr):	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					
	Total	Landfill	Incineration	Recycled	Other
Hazardous (Tonnes)					
Non-Hazardous (Tonnes)					

Resource Usage/Energy efficiency summary Lic No: W0073 Year 2014 Table R4: Energy Audit finding recommendations Description of Predicted energy Status and Date of audit Recommendations Measures proposed Origin of measures savings % Implementation date Responsibility Completion date comments SELECT SELECT SELECT

Table R5: Power Generation: Where p	ower is generated onsite	facilities/food and drink industry)please complete the following i					
	Unit ID	Unit ID	Unit ID	Unit ID	Station Total		
Technology							
Primary Fuel							
Thermal Efficiency							
Unit Date of Commission							
Total Starts for year							
Total Running Time							
Total Electricity Generated (GWH)							
House Load (GWH)							
KWH per Litre of Process Water							

KWH per Litre of Total Water used on Site

Complaints and Incidents summary template		Lic No:	W0073	Year	2014	
Complaints						
		Additional informa	ation			
Have you received any environmental complaints in the current reporting year? If yes please complete summary						
details of complaints received on site in table 1 below	SELECT					

Table :	1 Complaints summary		1				
			Brief description of				
			complaint (Free txt <20	Corrective action< 20			Further
Date	Category	Other type (please specify)	words)	words	Resolution status	Resolution date	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		<u></u>					
Balance of							
complaints end of							
reporting year							

	Incidents			
				Additional information
Have any incidents occurred on site in the current repo	rting year? Please list all incid	ents for current reporting		
year in Tab	ole 2 below		SELECT	
]		<u> </u>
*For information on how to report and what	What is an incident			

incidents previous year % reduction/ increase

Table 2 Incidents sur	Table 2 Incidents summary													
						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														
incidents current														
year														
Total number of														

VASTE SUMMARY				Lic No:		W0073		Year 2014				
ECTION A-PRTR O	ON SITE WASTE TREATMENT AND	WASTE TRANSFERS TAB	TO BE COMPLETED	BY ALL IPPC AND W	ASTE FACILITIES	PRTR facility logor	PRTR facility logon		ist click to see options			
						_						
ECTION B- WASTE	E ACCEPTED ONTO SITE-TO BE CO	IMPLETED BY ALL IPPC AI	ND WASTE FACILITIE	S			Additional Information					
			den and other design of		and the second s		Additional information	1				
be captured through I	<u>ed onto</u> your site for recovery or disposal on PRTR reporting)	r treatment prior to recovery or	uisposai within the bound	aries of your facility r; (was	iste generated within your boundaries is	No	Landfill closed in 2001					
yes please enter detail	s in table 1 below							7				
id vour site have any re	ejected consignments of waste in the curre	nt reporting year? If yes please g	ve a brief explanation in th	ne additional information		No	Landfill closed in 2001					
,,	,,							1				
	waste accepted onto your site that was ger					No	Landfill closed in 2001					
	of waste accepted onto your											-
Licenced annual onnage limit for your	EWC code	Source of waste accepted	Description of waste accepted	Quantity of waste accepted in current	Quantity of waste accepted in previous reporting year (tonnes)	Reduction/ Increase over	Reason for reduction/ increase from previous	Packaging Content (%)- only applies if the	Disposal/Recovery or treatment operation carried out	Quantity of waste	Comments -	
site (total			Please enter an	reporting year (tonnes)		previous year +/ -	reporting year	waste has a packaging	at your site and the description	remaining on		
tonnes/annum)			accurate and detailed description - which			%		component	of this operation	site at the end of reporting		
			applies to relevant EWC code							year (tonnes)		
	European Waste Catalogue EWC codes		European Waste									
			Catalogue EWC codes									
efer to PRTR return for ata on CAS												
ata on CAS												
												-
												_
	COMPLETED BY ALL WASTE FACIL	ITIES (waste transfer stat	cions, Composters, N	Material recovery fac	cilities etc) EXCEPT LANDFILL SI	ITES						
	COMPLETED BY ALL WASTE FACIL	ITIES (waste transfer stat	cions, Composters, N	Material recovery fac	cilities etc) EXCEPT LANDFILL SI	ITES						<u> </u>
ECTION C-TO BE C		•		•	·							j
ECTION C-TO BE C	COMPLETED BY ALL WASTE FACIL	•		•	·	SELECT SELECT						
ECTION C-TO BE (d approved by the Agency in plac	te? If no please list waste p	processing infrastructure re	equired onsite							
ECTION C-TO BE (all waste processing in all waste storage infra:	frastructure as required by your licence an	d approved by the Agency in plac	te? If no please list waste p	processing infrastructure re	equired onsite	SELECT SELECT						
all waste processing in all waste storage infra:	frastructure as required by your licence an structure as required by your licence and a elevant nuisance controls in place? nanagement system in place for your facilit	d approved by the Agency in place?	te? If no please list waste p	processing infrastructure re	equired onsite	SELECT SELECT SELECT SELECT						
ECTION C-TO BE C all waste processing in all waste storage infra:	frastructure as required by your licence an structure as required by your licence and a elevant nuisance controls in place? nanagement system in place for your facilit	d approved by the Agency in place?	te? If no please list waste p	processing infrastructure re	equired onsite	SELECT SELECT						
all waste processing in all waste storage infra: oes your facility have re o you have an odour m o you maintain a sludge	frastructure as required by your licence an structure as required by your licence and a elevant nuisance controls in place? nanagement system in place for your facilite e register on site?	d approved by the Agency in place? pproved by the Agency in place?	te? If no please list waste p	processing infrastructure re	equired onsite	SELECT SELECT SELECT SELECT						
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all waste processing in all waste storage infra: oes your facility have re o you have an odour m o you maintain a sludge ECTION D-TO BE of able 2 Waste type	frastructure as required by your licence and a structure as required by your licence and a elevant nuisance controls in place? nanagement system in place for your facilitie register on site? COMPLETED BY LANDFILL SITES Ce and tonnage-landfill only Authorised/licenced annual intake for	d approved by the Agency in place? pproved by the Agency in place? If no why? Actual intake for disposal in	ee? If no please list waste p If no please list waste stor. Remaining licensed capacity at end of	orocessing infrastructure re age infrastructure required	equired onsite	SELECT SELECT SELECT SELECT						
all waste processing in all waste storage infra: oes your facility have ro o you have an odour m o you maintain a sludge ECTION D-TO BE of able 2 Waste type Vaste types permitted for disposal	frastructure as required by your licence and a structure as required by your licence and a elevant nuisance controls in place? annagement system in place for your facilitie register on site? COMPLETED BY LANDFILL SITES Ce and tonnage-landfill only Authorised/licenced annual intake for disposal (tpa)	d approved by the Agency in place? pproved by the Agency in place? If no why? Actual intake for disposal in	ee? If no please list waste p If no please list waste stor. Remaining licensed capacity at end of	orocessing infrastructure re age infrastructure required	equired onsite	SELECT SELECT SELECT SELECT						
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all waste processing in all waste storage infrasoes your facility have no you have an odour m you maintain a sludge ECTION D-TO BE of able 2 Waste types Vaste types permitted for disposal (A able 3 General inf	frastructure as required by your licence and a structure as required by your licence and a elevant nuisance controls in place? nanagement system in place for your facilite register on site? COMPLETED BY LANDFILL SITES Ce and tonnage-landfill only Authorised/licenced annual intake for disposal (tpa)	ad approved by the Agency in place? y? If no why? NLY Actual intake for disposal in reporting year (tpa)	Remaining licensed capacity at end of reporting year (m3)	orocessing infrastructure re age infrastructure required	equired onsite d on site	SELECT SELECT SELECT SELECT		Is there a separate cell	Accepted asbestos in reporting		Lined disposal area occupied by	Unlined area
all waste processing in all waste storage infra: oes your facility have ro o you have an odour m o you maintain a sludge ECTION D-TO BE of able 2 Waste type Vaste types permitted for disposal	frastructure as required by your licence and a structure as required by your licence and a elevant nuisance controls in place? annagement system in place for your facilitie register on site? COMPLETED BY LANDFILL SITES Ce and tonnage-landfill only Authorised/licenced annual intake for disposal (tpa)	d approved by the Agency in place? pproved by the Agency in place? If no why? Actual intake for disposal in	ee? If no please list waste p If no please list waste stor. Remaining licensed capacity at end of	corocessing infrastructure reage infrastructure required	equired onsite	SELECT SELECT SELECT SELECT SELECT	Licence permits asbestos	Is there a separate cell for asbestos?	Accepted asbestos in reporting year	Total disposal area occupied by waste	Lined disposal area occupied by waste	Unlined area
all waste processing in all waste storage infrasoes your facility have no you have an odour m you maintain a sludge ECTION D-TO BE of able 2 Waste types Vaste types permitted for disposal (A able 3 General inf	frastructure as required by your licence and a structure as required by your licence and a elevant nuisance controls in place? nanagement system in place for your facilite register on site? COMPLETED BY LANDFILL SITES Ce and tonnage-landfill only Authorised/licenced annual intake for disposal (tpa)	ad approved by the Agency in place? y? If no why? NLY Actual intake for disposal in reporting year (tpa)	Remaining licensed capacity at end of reporting year (m3)	corocessing infrastructure required age infrastructure required Comments	equired onsite d on site	SELECT SELECT SELECT SELECT SELECT SELECT	Licence permits asbestos			area occupied by	area occupied by	
all waste processing in all waste storage infrasoes your facility have no you have an odour m you maintain a sludge ECTION D-TO BE of able 2 Waste types Vaste types permitted for disposal (A able 3 General inf	frastructure as required by your licence and a structure as required by your licence and a elevant nuisance controls in place? nanagement system in place for your facilite register on site? COMPLETED BY LANDFILL SITES Ce and tonnage-landfill only Authorised/licenced annual intake for disposal (tpa)	ad approved by the Agency in place? y? If no why? NLY Actual intake for disposal in reporting year (tpa)	Remaining licensed capacity at end of reporting year (m3)	corocessing infrastructure required age infrastructure required Comments	equired onsite d on site	SELECT SELECT SELECT SELECT SELECT SELECT	Licence permits asbestos			area occupied by waste	area occupied by waste	Unlined area SELECT UNIT

WASTE SUMMARY	•				Lic No:	W0073		Year	2014
Table 4 Environmental monitoring-landfill only Landfill Manual-Monitoring Standards						=	•	•	
Was meterological monitoring in compliance with Landfill Directive (LD) standard in reporting year +	Was leachate monitored in compliance	Was Landfill Gas monitored in compliance with LD standard in			Were emission limit values agreed with	Was topography of the site surveyed in reporting year	Has the statement under S53(A)(5) of WMA been submitted in reporting year	Comments	
	yes	yes	yes	Yes	Yes	No	No		
	Manual linked above for relevant Landfill	Directive monitoring standards							
Table 5 Capping-La	ndfill only						_		
	Area with temporary cap SELECT UNIT	Area with final cap to LD Standard m2 ha, a	Area capped other	Area with waste that should be permanently capped to date under licence	What materials are used in the cap	Comments			
*please note this include	s 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 (NH4) mass load (kg/annum)	Leachate (Chloride) mass load kg/annum		Specify type of leachate treatment	Comments
1235.66				no sent to Roscommon WWTP		

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

Comments on liner type



 $|\ \mathsf{PRTR\#:W0073}\ |\ \mathsf{Facility}\ \mathsf{Name:Roscommon\ Landfill\ Facility}\ |\ \mathsf{Filename:W0073_2014-PRTR.xls}\ |\ \mathsf{Return\ Year:2014}\ |$ Return Year: 2014 |

Guidance to completing the PRTR workbook

AER Returns Workbook

	Version 1.1.18
REFERENCE YEAR	2014
1. FACILITY IDENTIFICATION	
Parent Company Name	Roscommon County Council
Facility Name	Roscommon Landfill Facility

Classes of Activity

PRTR Identification Number W0073 Licence Number W0073-01

No. class_name
- Refer to PRTR class activities below

Address 1	Killarney Townland
Address 2	
Address 3	
Address 4	
	Roscommon
Country	
Coordinates of Location	-8.15598 53.6378
River Basin District	IEGBNISH
NACE Code	
	Treatment and disposal of non-hazardous waste
AER Returns Contact Name	
AER Returns Contact Email Address	
AER Returns Contact Position	Environment Department
AER Returns Contact Telephone Number	
AER Returns Contact Mobile Phone Number	0876977600
AER Returns Contact Fax Number	
Production Volume	0.0
Production Volume Units	
Number of Installations	0
Number of Operating Hours in Year	
Number of Employees	
User Feedback/Comments	There is a +50% variance in the gas data from the pervious year due to an update
	of the site model. Review of the previous model indicated that the CH4/CO2
	relationship was not representative of the monitored gas flare data.
Web Address	

2. PRTR CLASS ACTIVITIES

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

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

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

WASTE IMPORTED/ACCEPTED ONTO SITE Do you import/accept waste onto your site for on-

site treatment (either recovery or disposal

activities) ?

Guidance on waste imported/accepted onto site

This question is only applicable if you are an IPPC or Quarry site

25/03/2015 14:36

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

	Please enter all quantities in this section in KGs								
POLLUTANT				METHOD			QUANTITY		
	Method Used			Method Used					
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year	
					0.0	0.0	0.0	0.0	
				Landfill Gas Survey and					
01	Methane (CH4)	С	OTH	Gas Sim	310195.0	310195.0	0.0	0.0	
03	Carbon dioxide (CO2)	С	OTH	Gas Sim	904501.0	904501.0	0.0	0.0	

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

SECTION B: REMAINING PRTR POLLUTANTS

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

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

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

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

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

Additional Data Requested from Landfill operators

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

Landfill: Please enter summary data on the quantities of methane flared and / or utilised	Roscommon Landfill Facility		Meti	hod Used		
				Designation or	Facility Total Capacity	l
l l	T (Total) kg/Year	M/C/E	Method Code	Description	m3 per hour	I
Total estimated methane generation (as per						I
site model)			OTH	GasSim	N/A	I
Methane flared	27176.0	С	OTH	Landfill Gas Survey	100.0	(Total Flaring Capacity)
Methane utilised in engine/s	0.0				0.0	(Total Utilising Capacity)
Net methane emission (as reported in Section						
A above)	310195.0	С	OTH	Landfill Gas Survey & GasSi	N/A	

SECTION A: SECTOR SPECIFIC PRTR POLLUTANTS

SECTION A. SECTION OF ESTITOT KINT SEE	RELEASES TO WATERS
PO	LLUTANT
No. Annex II	Name
TWO. ATTITICA II	Name

^{*} Select a row by double-clicking on the Pollutant Name (Column B)

SECTION B: REMAINING PRTR POLLUTANTS

	RELEASES TO WATERS
PO	LLUTANT
No. Annex II	Name

^{*} Select a row by double-clicking on the Pollutant Name (Column B)

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

	RELEASES TO WATERS
PO	LLUTANT
Pollutant No.	Name

^{*} Select a row by double-clicking on the Pollutant Name (Column B)

Data on ambient monitoring of storm/surface water or groundwater, conducted as part of your licence requirements, should NO

Data on a		r storm/surface water or groundwa	Please enter all quanti			
		Mathad Haad				
		Method Used				
M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total	l) KG/Year	
				0.0		0.0

) then click the delete button

			Please enter all quantities i	in this section in k	(Gs
		Method Used			
M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	
			0.0		0.0

) then click the delete button

			Please enter all quantities	in this section in k	(Gs
		Method Used			
M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	
			0.0		0.0

) then click the delete button

OT be submitted under AER / PRTR Reporting as this only concerns Releases from your facility

QUANTITY	
A (Accidental) KG/Year	F (Fugitive) KG/Year
0.0	0.0

QUANTITY	
A (Accidental) KG/Year	F (Fugitive) KG/Year
0.0	0.0

QUANTITY	
A (Accidental) KG/Year	F (Fugitive) KG/Year
0.0	0.0

SECTION A: PRTR POLLUTANTS

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

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

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

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

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

4.4 RELEASES TO LAND

Link to previous years emissions data

SECTION A: PRTR POLLUTANTS

	RELEASES TO LAND	
	POLLUTANT	
No. Annex II	Name	

^{*} Select a row by double-clicking on the Pollutant Name (Column B)

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

			RELEASES TO LAND				
POLLUTANT							
Pollutant No.		Name					

^{*} Select a row by double-clicking on the Pollutant Name (Column B)

			Please enter all quantities				
	ME	THOD					
		Method Used					
M/C/E	Method Code	Designation or Description	Emission Point 1				
			0.0				

) then click the delete button

			Please enter all quantities
	ME	THOD	
M/C/E	Method Code	Designation or Description	Emission Point 1
			0.0

⁾ then click the delete button

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in this section in KGs	
	QUANTITY
T (Total) KG/Year	A (Accidental) KG/Year
0.0	0.0

in this section in KGs	
	QUANTITY
T (Total) KG/Year	A (Accidental) KG/Year
0.0	0.0

20	10	14.30

_				Please enter	all quantities on this sheet in Tonnes								13
		European Waste		Quantity (Tonnes per Year)		Waste		Method Used	-	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)
Т	ransfer Destination	Code	Hazardous		Description of Waste	Treatment Operation	M/C/E	Method Used	Location of Treatment				
W	ithin the Country	15 01 02	No	0.65	aeroboard	R5	М	Weighed	Offsite in Ireland	Barna Waste,W0106-02	Carrowbrowne,Headford Road,Galway,.,Ireland Carrowbrowne,Headford		
W	ithin the Country	15 01 06	No		mixed packaging landfill leachate other than those mentioned	R4	М	Weighed	Offsite in Ireland	Barna Waste,W0106-02 Roscommon Wastewater	Road,Galway,.,Ireland		
W	ithin the Country	19 07 03	No		in 19 07 02 cardboard, newspaper, glossy magazines,	D8	М	Weighed	Offsite in Ireland	Treatment Plant,"."	".",".",Roscommon,".",Ireland Carrowbrowne.Headford		
W	ithin the Country	20 01 01	No		milk cartons	R3	М	Weighed	Offsite in Ireland	Barna Waste,W0106-02	Road,Galway,.,Ireland 52 Creagh Road,Toomebridge,Co. Antrim,BT41 3SE,United		
To	Other Countries	20 01 02	No	41.7	glass	R5	М	Weighed	Abroad	Glassdon Recycling,.	Kingdom Glen Abbey Complex / Carrowbrowne,Belgard Road Tallaght / Headford Road,Dublin 24 /		
W	ithin the Country	20 01 11	No	6.42	textiles	R3	М	Weighed	Offsite in Ireland	Textile Recycling Ltd./Barna Waste,W0106-02 Indaver / Barna Waste,W0036-02 / W0106-	Galway,.,Ireland Dublin Port / Carrowbrowne,Dublin 1/	Indaver.W0036-02.Dublin	Dublin Port Dublin
Т	Other Countries	20 01 27	Yes		household hazardous batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing	R2	М	Weighed	Abroad	02 Enva W0184-01 / WEEE	Galway,.,Ireland Portlaoise / Suite 18,. / The	Port, Dublin 1, Dublin, ., Ireland Enva Ireland, W0184-	
W	ithin the Country	20 01 33	Yes		these batteries discarded electrical and electronic equipment other than those mentioned in 20 01 21 and and 20 01 23 containing	R4	М	Weighed	Offsite in Ireland	Ireland,. KMK Metal Recycling	Cappincure Industrial Estate, Daingean	Laois," ",Ireland Abroad (commercially sensitive	Laois,".",Ireland
W	ithin the Country	20 01 35	Yes		hazardous components	R4	М	Weighed	Offsite in Ireland		Offaly,Ireland Carrowbrowne,Headford	information),".",".",".",".",".","."	
W	ithin the Country	20 01 38	No	28.8	wood other than that mentioned in 20 01 37	R3	М	Weighed	Offsite in Ireland	Barna Waste,W0106-02	Road,Galway,.,Ireland Carrowbrowne,Headford		
W	ithin the Country	20 01 40	No	19.3	metals	R4	М	Weighed	Offsite in Ireland	Barna Waste,W0106-02	Road, Galway,,, Ireland		

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