Facility Information Summary	
AER Reporting Year	2014
Licence Register Number	W0071-02
Name of site	Marlinstown Landfill
Site Location	Marlinstown, Mullingar, County Westmeath
NACE Code	3821
Class/Classes of Activity	A3 (2011)
National Grid Reference (6E, 6 N)	(-) 7.29169 53.5229

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

(-) 7.29169 53.5229	A3 (2011)	3821	Marlinstown, Mullingar, County Westmeath	Marlinstown Landfill	W0071-02	+102
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suggests that methane gas is migrating from the landfill. There were 12 incidents due to exceeding the limits for This was due to: 1). Altering the blower rate on the flare from 100% to 0% over the year in the pumping trial. 2) back on and over a two week period the methane levels returned to normal expected values. This trial strongly turned off while the flow through the blower was increased to an average of 492m3/hr for the last two months Due to a leak on the compressed air line the compressor was turned off over the weekends. There was a 260% 2013 on the recommendation of our consultants and in consultation with the EPA the flare ignition system was The final capping of the last section of the landfil (phase 2) was completed in early 2012. At the end of October increase in incidents this year as a result of the EPA requesting that we report them on a weekly rather than a Ch4 and CO2 during the monthly perimeter gas monitoring. Power consumption was down 370% on last year. excess of the 1% license limit and two others were recording trace methane. In August the blower was turned day, seven days a week. At the end of the second week methane levels in two of the perimeter wells were in blower was turned off at the flare. Over the next two weeks the perimeter gas wells were monitored twice a and the whole of 2014. This was to ascertain if landfill gas was migrating off site. At the end of July 2014 the monthly basis as done in the previous year.

Declaration

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

In March

(or nominated, suitably qualified and Group/Facility manager

Signature

experienced deputy)

	Lic No:	W0071-02	Year	2014
Answer all questions and complete all tables where relevant				
			Additional information	
Does your site have icensed air emissions? If yes please complete table A1 and A2 below for the current	Section 1			
reporting year and answer further questions, If you do not have licenced emissions and do not complete a solvent management plan itable A4 and A5) you do not need to complete the table.				
Several messagement plant transfer A4 and A5) you do not need to complete the tables		Licence requires	Licence requires monitoring for Nox, SO2 and TOC, HCl and	

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 monitoring note AG2 and using the basic air monitoring checklist checklist

AGN2

SELECT No monitoring of emissions from the flare had been carried out as the flare was turned off for the whole year. Our consultants had agreed with the EPA to carry out a trial, to No monitoring of the flare was carried out as there was no burning of the gas for the entire year.

Table A1: Licensed Mass Emissions/Ambient data-periodic monitoring (non-continuous)

Note 4 Wellinson				Emission reference no:
SELECT	SELECT	SELECT	SELECT	Parameter/ Substance Monitoring
				Frequency of Monitoring
				ELV in licence or any revision therof
SELECT	SELECT	SELECT	SELECT	Licence Compliance criteria
				Measured value
	SEC	SELECT	SELECT	Unit of
SELECT	SELECT	SELECT	SELECT	Compliant with
select	SELECT	SELECT	SELECT	Annual m
				ž.
				Comments - reason for change in % mass load from previous year if applicable

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	Do you have a proactive service agreement for each piece of continuous monitoring equipment?	Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below	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)	Does your site carry out continuous air emissions monitoring?	Continuous Monitoring	
Reference	SELECT	SELECT	mpare	SELECT		Lic No: W0071-02
						Year
			J			2014

reference no	Parameter/ Substance		Averaging Period	Averaging Period Compliance Criteria	Units of	Annual Emission	Annual maximum	Annual maximum Monitoring	Annual maximum Monitoring
reference no.					measurement				Equipment exceedences in
								downtime (hours)	downtime (hours) current
		ELV in licence or any			Ī				reporting year
	SELECT	-		SELECT	SELECT				
	SELECT				SELECT				
	SELECT			The second secon	seucr Tourse				
	SELECT				SELECT				
	SELECT	_		CONTROL DATE OF THE PARTY OF TH	SELECT				

Table A3: Aba	Table A3: Abatement system bypass reporting table	ss reporting table	Bypass protocol		
Date*	Duration** (hours) Location	Location	Reason for bypass	impact magnitude	Corrective action
01/01/2014 365 days	365 days	Flare	Migrating gas testing	Undetermined	recommence flaring agreed with EPA
	 this should include a 	II dates that an abateme	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 impections please refer to bypass protocol link

AIR-summary template	Solvent	Do you have a total	Table A4: Solvi Total VOC Emi	Reporting year			1	600		Solvent		
template	Solvent use and management on site	l Emission Limit Value of c	Table A4: Solvent Management Plan Summary Total VOC Emission limit value	Total solvent input on site (kg)				name A3: Joueth Mass balance summary	(I) Inputs (kg)	(i) Inputs (kg)		
7	ent on site	lirect and fugitive emi		_ 2	site (direct and fugitive)			- Alemmark		Organic solvent emission in waste		
	9	ssions on site? If yo	Solvent regulations	Total VOC emissions as %of	solvent input					Solvents lost in water (kg)		
		Do you have a total Emission Limit Value of direct and fugitive emissions on site? If yes please fill out tables A4 and A5	Please refer to linked solvent regulations to complete table 5 and 6		Total Emission Limit Value (ELV) in licence or any revision therof				ā	Collected waste solvent (kg)		
Lic No:		S	ent regulations to 5 and 6	Compliance		SELECT	SELECT		(O) Outputs (kg)	Fugitive Organic Solvent (kg)		
W0071-02											 	
		No								Solvent released in Solvents destroyed other ways e.g. by- onsite through		
Year										Total emission of Solvent to air (kg)	_	
2014											 ,	

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 your do not have licensed emissions you only need to complete table
W1 and or W2 for storm water analysis and visual inspections Was it a requirement of your licence to carry out visual inspections on any surface water a discharges or watercourses on or near your site? If yes please complete table W2 below AER Monitoring returns summary template-WATER/WASTEWATER(SEWER) Location EMS SW2 5W2 SWZ summatising only any evidence of contamination noted during visual inspections EWS Table W1 Storm water monitoring relative to site activities mpaggade. med andr acreacy of PRTR Parameter Ammonia (as N) Arremonds (as N) **Dicenced**Parameter Chloride 800 Monitoring Half yearly Half yearly Half yearly Half yearly Half yearly ELV or trigger level in licence or any revision thereof* ă 중 There are 4 surface water monitoring points - SWI & SW2 are tha US point on the Marinstown stream, bloovered due to low fleary f. on flows SWI was not monitored. SW3 11m DS and SW5 DS at idea of knodfill. For SW3 only 19914 and SS required. Licence Compliance criteria SHICT W0071-02
Additional information No evidence of contamination Measured value 40.5 219 23 0,6 t measurement Unit of 2 1000 1/362 36 Compliant with licence Year SELECT JODN increase on Lett year.

JODN increase on year.
No significant change from last This is 10% Nigher than last higher than last This is 30% higher than last Comments 2014

EMS

downstream

SELECT

800

Half yearly

SELECT

ž

7

MISC

last year.

"trigger values may be agreed by the Agency outside of Rence conditions
Table 'W2 Visual Inspections-Please only enter details where contamination was observed.

		Location Date of Perception Description of contamination	
Street	SUCT	Source of contamination	
		Corrective action	
		Comments	

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

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

SHICT

Was all monitoring carried out in accordance with EPA guidence and the Lists for Quality of Aqueous Monitoring Data Reported to the EPA/I if no please detail what are as require improvement in additional information box Lab Quality checklist

SELECT

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

Mo	Г		Г	3	2			_
ite 1: Volumets				reference no				
to flow shall be inc	7	C. C. CLO	State	released to	Emission			
Note 1: Volumetric flow shall be included as a reportable parameter	AND THE PARTY OF T	The second second second		Substance/lote 1				
Treter		The state of the s	SULCT	Type of sample monitoring				
				ᆫ	Frequency of			
			SELECT	Averaging period				
				therof and	udystabs Aut	values in licence or	ILV or trigger	
		日本の日本の日本の日本の日本の日本日本日本日本日本日本日本日本日本日本日本日本	SUECT	Licence Compliance criteria				
				Measured value measurement				
		Company of the last	SELECT	measurement	Unit of			
	Account to the last of		SELECT	Berner	Compliant with			
	diameter and the second	Comment of the last	SELECT	Method of analysis				
	1000		SELECT	anno	Procedural			
				standard number	reference	Procedural		
				(hg)	Annual mass load			
				Comments				

Mate 2. Where Emission Limit Values (ELV) do not apply to your licence please compare results against EOS for Surface water or relevant receptor quality standards

Lie No. W0071-03 Additional information
wa
W0071-03 Additional information
2014

"Measures taken or proposed to reduce or limit bypass frequency

Band lesting				Lic No:	W5071-02		Year	2014					
	Puzzu uzendeno	conduction of the order of the opening				Additional information	J						
containment attractures on site, in addition to all bunds which tailed the integrity test oil bunding structures which failed including meaning bunds must be beginned in the containment attractures on site, in addition to all bunds which failed the integrity test oil bunding structures which failed including meaning bunds must be beginned in	all bunds which faded the integrit	ty test-off bunding structures we	with failed including making is	sing all new bunds and unds must be boad in		I No. leachate lagron, Observations	7						
the table seem, there include all buries outside the iconyol testing period (mobile bunds and chemstore included)	ide the licented testing period (m	robile bunds and chemstore inch	uded)		785	of levers in tank indicate that there	-						
Does the site maintain a recistor of bunds under	ووروان ونيان فيمال مماليمين وروسي				SAN E		L						
per and and tout, surper a report or communication used piperants (including starmwater and tout), Sanks, sumps and containers? (containers refers to "Chemistore". The units and modele bunds!)	eer Crowned by perment fencionality sta	ormetice and loui), Tancs, sump	is and containers? (container	a refers to "Chemstore"		_	_						
4 How many bunds are on site?					24.0	0							
5 How many of these bunds have been tested within the required lest schedule?	ithin the required lest schedule?					0							
5 How many mobile bunds are on site? 7 Are the mobile bunds builded in the bunds are	*					0	Ţ						
Now many of these mobile bunds have been tested within the required test schedule?	ested within the required test sch	corticle?			73135		<u></u>						
9. How many sumps on site are included in the integrity test schedule?	stegrity test schedule?												
10 How many of these sumps are integrity tested within the test schedule?	within the test schedule?												
THE ORIGINAL SERVICES ARE ANALYSIS AREAS ARE THE OCCUPANT													
12 If yes to 011 and these fallsafe systems included in a maintenance and testing economics.	od in a maintenance and tection of	Polification)			\$9.8	high level alarm on lagoon							
13 is the fire Water Retention Pond included in your integrity test peogramme?	owe integrity test peopramme?	•			NUC.	No fire retention pand							
Table III: Summary details	Table III: Summary details of bund /containment structure integrity test	ntegrity test											
hrment								Integrity reports		Integrity less ladium			Results of retest(H in
SELECT SPECIAL PROPERTY OF THE PERSON NAMED IN PROPERTY OF THE	edit saan kraade	Product containment	Actual capacity C	Capacity required*	Type of integrity test	Other test type	Test date	site?	Results of test	explanation <50 words	Corrective action taken	-	reporting year)
SELECT					KIET			SUECI	SUCC		SUCT		
tax integrity testing been carried out in accordance with litrence requirements and are all structures tested in tax integrity testing been sense.	lance with licence requirements a	and are all structures tested in				Correspond	,				100		
15 line with \$50007/EPA Guidance? 16 Are channel/transfer systems to remote containment systems tested?	sioment systems (asted?		bunding and plorage guidelines		COLO		1						
17 Are channels/transfer systems compilent in both integrity and available volume?	rth integrity and available volume	~			SELECT		LL						
Pipeline/underground structure testing													
are you reviewe any your mores an emproye service in entirely entirely and propries or surroys sit? If yet please did not stake 2 below letting all a undergrowed structures and polyviewe on our an which failed the integrity test and all which have not been sessed withing the integrity test period 2. Please provide integrity testing frequency period. 2 Please provide integrity testing frequency period 5 please note integrity testing means water tightness testing for process and louis pipelines (as required under your licence).	integrity lessing; on underground which falled the lett grity test and od Whesis testing for process and foul	s Structures e.g., popelions or sur s III which have not been tosted to pipelines [as required under yo	yps etc ? If yes please foll out I withing the integrity tast per sur licence}	table 2 below listing all load as specified	No		Ш						
Table 82: Surrynary details of	Table 82: Surmary details of pipeline/underground structures integrity test	integrity lest		ř									
				H									
Skrutturu ID Type pystem	Material of construction:	Does this structure have	Type of secondary containment		Magrity reports			thre action	Scheduled date	Results of retaild if in current			
	WIEC1	MIKCI	SELECT	Surveys durchasiss notes	ARIN GER BALMPHINE	MANAGEMENT STATES OF STATE	Spann DC	Catam)	For Fried	reporting year)	1		
				2000	2000	3000				MIECI	_1_		
											1-1-		

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

Groundwater/Soil monitoring template	
Lic No:	
W0071-02	
Year	
2014	
4	

12 Is there evidence that contamination is migrating offsite?	11 Have potential receptors been identified on and off site?	?	Has any type of risk assesment been carried out for the site?		9	8 Is there a licence condition to carry out/update ELRA for the site?	egy		6 Have actions been taken to address contamination issues? If yes please summarise		-	Report (link in cell G8) and submit separately through ALDER as monitoring a licensee return AND answer questions 5-12 below. template y	complete the Groundwater Monitoring Guideline Template Groundwater	4 there an upward trend in results for a substance? If yes, please	assessment criteria such as GTVs or IGVs are excepted or is	section	3 Do you extract groundwater for use on site? If yes please specify use in comment	55		1 Are you required to carry out groundwater monitoring as part of your licence	
possible	Yes	yes	yes			yes	yes	yes		inconclusive		yes				no	111	no	yes		
Elevated ammonia levels in groundwater down gradient of site in boggy ground.		Part of the R.A. above	carried out in 2005.	finalised. Previously	Risk assessment is being		Ongoing	landfill	Leachate removal from										boreholes around site.	6 No. monitoring	Comments
SW3 is situated approximately 500m downstream of the landfill. It is located in agricultural land. It is possible that the elevated ammonia levels at this location could be as a result of agricultural practices in the area.						,										interpretaion as an additional section in this AER	include a groundwater/contaminated land monitoring results	interpretation box below or if you require additional space please	Please provide an interpretation of groundwater monitoring data in the		

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yearly	alf	yearly	Ħ	yearly	Half	yearly	Half	yearly	Half	sampling	Date of				 able 1:		1	12
32		32		31		31		31		reference	location	Sample			Upgradient	İ	Is there eviden	
32 Chloride		32 Ammonia		31 Conductivity		31 Chloride		31 Ammonia		Substance	Parameter/				Groundwat		ce that contain	
										Methodology					Table 1: Upgradient Groundwater monitoring results		Is there evidence that contamination is migrating offsite?	
Half yearly		Half yearly		Half yearly		Half yearly		Half yearly		frequency	Monitoring				ng results	İ	ting offsite?	
	22.00		0.27		655.00		15.00		0.30	Concentration++	Maximum							
	17		0.21		572		13.00		0.28	Concentration+	Average				•		possible	
mg/l		mg/i		mScm-1	2	mg/l		mg/l		unit							ground.	gradient of site in boggy
										GTVs.						Ì	-	levels at t
										SELECT**						į	One rocation con	
8		Yes		data not available		yes		yes		of monitoring data	over last 5 years	concentration	pollutant	Upward trend in			area.	in agricultural land. It is possible that the elevants for agricultural

Half S2 Conductivity Half yearly 695 589 data not available mScm-1	Groundwater/Soil monitoring template		Lic No:	W0071-02		Year	2014
32 Conductivity Half yearly				395	589		
	32 Conductivity	Half yearly			mScm-1		data not available

SAC STR	se note end in omplet	yearly	Half	yearly	yearly	Half	yearly	Half	yearly	Half	yearly	Half	Date of	+ maximi able 2:	where av	Half Yearly	round
ore information on the use terra (GAC) and risk assess te the link in G31)	exceedance of results for a subs e the Groundwat	14		14	14		13		13	38	13	i di di di di	Sample	um concentrati Downgradi	verage indicate	33	water/Soil n
of soil and groun ment tools is avail	generic assessme tance indicates t ter Monitoring Gi	Conductivity	0.0	Chloride	Ammonia		Conductivity		Chloride	1000	Ammonia	SUBSIGING	Parameter/	on indicates the	s arithmetic me	Conductivity	Groundwater/Soil monitoring template
dwater standard able in the EPA p	ot criteria (GAC) hat further interp sideline Template									× 1000		метподоюду		e maximum me water monit	an		emplate
i/ generic assessmen jublished guidance	such as a Groundwa setation of moniton steport at the link p otherwise instructes	Half yearly		Half yearly	Half yearly		Half yearly		Half yearly		Half yearly	requency	Monitoring	oring results		Half yearly	
	iter Threshold Value (GT) ing results is required. In revided and submit sepa d by the EPA.		63.	25.		12.5		123		14	4		Maximum	ion from all monitoring		69	Lic No:
ne Management (I) or an interim Gu addition to comple rately through ALD											T	Average	g results produce	İ		W0071-02
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nd Groundwal <u>er</u>							8					GTVs*		ear	-		Year
at EPA Licensed	undwater moni		1									SELECT"			-		2014
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										_				I			
	Note information on the use of soil and groundwater standards/ generic assessment of contaminated and foroundwater at EPA Iscensed Sites (EPA 2013). Suidance on the Management of Contaminated Land and Groundwater at EPA Iscensed Sites (EPA 2013).	vater Thre rang result provided ed by the ent	water Threshold Value (GTV) or an interim Guideline Value (IGV) or an upward in greater to completing the above table, please provided and submit separately through ALDER as a licensee return or as sed by the EPA. For Guidance on the Management of Contaminated Land and Groundwaler at EPA ticensed Street.	water Threshold Value (GTV) or an interim Guideline Value (IGV) or an upward ing results its required. In addition to completing the above table, please provided and submit separately through ALDER as a licensee return or as ed by the EPA. Guidance on the Management of Contaminated Land and Groundwater at EPA ticenseed Size.	25.5 20 mg/l 632 610 mScm-1 water Threshold Value (GTV) or an interim Guideline Value (GV) or an upward in addition to completing the above table, please provided and submit separately through ALDER as a licensee return or as sed by the EPA. ent. Guidance on the Management of Contaminated Land and Groundwater at EPA ticensed Sites.	25.5 20 mg/l 25.5 20 mg/l 632 610 mScm-1 632 610 mScm-1 632 610 mScm-1 632 610 mScm-1 632 610 mScm-1 632 610 mScm-1 632 610 mScm-1 632 610 mScm-1 632 610 mScm-1 632 mScm-1 632 mScm-1 632 mScm-1 632 mScm-1 632 mScm-1 632 mScm-1 632 mScm-1 633 mScm-1 633 mScm-1 634 mScm-1 635 mScm-1 635 mScm-1 636 mScm-1 636 mScm-1 637 mscm-1 638 mScm-1 63	12.55 8.8 mg/l 25.5 20 mg/l 25.5 20 mg/l 632 610 mScm-1 mScm-1 632 610 mScm-1 632 610 mScm-1 632 610 mScm-1 632 610 mScm-1 632 610 mScm-1 634 mScm-1 635 mScm-1 640 mScm-1 650	12.55 8.8 mg/l 25.5 20 mg/l 25.5 20 mg/l 632 610 mScm-1 mScm-1 632 610 mScm-1 mScm-1 632 610 mScm-1	1238 737 mScm-1 1255 8.8 mg/l 1255 8.8 mg/l 25.5 20 mg/l 25.5 20 mg/l 25.5 20 mg/l 325 610 mscm-1 326 610 mscm-1 327 610 mscm-1 328 610 mscm-1 329 610 mscm-1 320 mscm-1 320 mscm-1 321 610 mscm-1 322 610 mscm-1 325 20 mscm-1 326 mscm-1 327 mscm-1 326 mscm-1 327 mscm-1 328 mscm-1 328 mscm-1 320 ms	1238 737 mg/l 1255 8.8 mScm-1 12.55 8.8 mg/l 25.5 20 mg/l 25.5 20 mg/l 25.5 20 mg/l 2610 mScm-1 25.6 20 mg/l 2610 mScm-1 2610 mScm-1 27 610 mScm-1 28 610 mScm-1 28 610 mScm-1 29 610 mScm-1 29 610 mScm-1 20 mg/l 25.5 20 mg/l 25.6 10 mScm-1 26 mg/l 26 mg/l 27 mg/l 28 mg/l 29 mg/l 29 mg/l 20 mg/l	12.38 12.38 12.38 12.38 12.37 mg/l mScm-1 12.55 8.8 mg/l mg/l 25.5 20 mg/l mscm-1 25.5 20 mg/l mscm-1 25.5 20 mg/l mscm-1 25.5 20 mg/l mscm-1 25.5 20 mg/l mscm-1 25.5 20 mg/l mscm-1 25.5 20 mscm-1 25.5 20 mscm-1 25.6 20 mscm-1 25.7 25.8 20 mscm-1 25.8 20 20 mscm-1 25.8 20 20 mscm-1 25.8 20 20 mscm-1 25.8 20 20 mscm-1 25.8 20 20 mscm-1 25.8 20 20 mscm-1 25.8 20 20 mscm-1 25.8 20 20 mscm-1 25.8 20 20 20 20 20 20 20 20 20 20 20 20 20	14.1 12 mg/l 1238 737 mg/l 1238 737 mg/l 1238 737 mg/l 1238 737 mg/l 1238 737 mg/l 25.5 8.8 mg/l 25.5 20 mg/l 25.5 20 mg/l 25.5 20 mg/l 2610 pickets to competing the above table, please provided and submit reparately through ALDER as a licensee return or as eaby the EPA. 632 610 mscm-1 632	Concentration 41 23 mg/l 14.1 12. mg/l 12.55 8.8 mg/l 12.55 8.8 mg/l 12.55 8.8 mg/l 12.55 8.8 mg/l 12.60 mg/l 25.5 20 mg/l 25.5 20 mg/l 25.5 20 mg/l 25.6 832 610 mscm-1 25.7 25.8 832 610 mscm-1 25.8 832 610 mscm-1 25.9 mg/l 632 610 mscm-1 632 610 mscm-1 632 610 mscm-1 632 610 mscm-1 632 610 mscm-1 632 610 mscm-1 632 610 mscm-1 632 610 mscm-1 632 610 mscm-1 632 610 mscm-1 632 610 mscm-1 632 610 mscm-1 632 610 mscm-1 632 610 mscm-1 640 mscm-1 652 660 mscm-1 670 670 670 670 651 670 670 670 670 670 670 670 67	Maximum Concentration 41 23 mg/l 14.1 12.8 737 mscm-1 12.55 8.8 mg/l 12.55 8.8 mg/l 610 mscm-1 632 610 mscm-1 632 610 mscm-1 632 610 mscm-1 632 610 mscm-1 632 610 mscm-1 632 610 mscm-1 632 610 mscm-1 632 610 mscm-1 633 610 mscm-1 634 635 636 637 636 637 638 638 639 640 650 mscm-1 650 msc	ter monitoring results Monitoring warmum Half yearly	Maximum Average Concentration 41 23 mg/l 14.1 12.55 8.8 mg/l 12.55 9.8 mg/l 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50	Half yearly Montoring results Montoring Parity Half yearly Half ye

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		Date of sampling	Table 3: 5	Groundw
		location	Table 3: Soil results	Groundwater/Soil monitoring
		Parameter/ Substance		onitoring to
		Methodology frequency		template
		Monitoring frequency		
		Maximum Concentration		Lic No:
		Average Concentration		W0071-02
SELECT	SELECT	max		
				Year
				2014
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Where additional detail is required please enter it here in 200 words or less

Financial Provision	Financi			800	7	G	5	4	3 Amou	2	μ	Click	Enviro
Financial Provision for Closure - type Financial provision for Closure expiry date	Financial Provision for Closure - amount of cover	Financial Provision for Closure status	Closure plan review status	Closure plan initial agreement status	Financial provision for ELRA expiry date	Financial Provision for ELRA - type	Financial Provision for ELRA - amount of cover	Financial Provision for ELRA status	Amount of Financial Provision cover required as determined by the latest ELRA	ELRA review status	ELRA initial agreement status	Click here to access EPA guidance on Environmental Liabilities and Financial provision	Environmental Liabilities template
Other please specify	Specify	SELECT	SELECT	losure plan submitted and agreed by EPA	Enter expiry date	SELECT	Specify	SELECT	Specify	SELECT	SELECT		Lic No:
Westmeath Co.				EPA							Commentary Risk assesment carried out in 2005. A new one is being prepared. Not sure of agreement		W0071-02

4	ω	2			
Do you maintain an environmental documentation/communication system to inform the public on environmental performance of the facility, as required by the licence	Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance with the licence requirements	Does the EMS reference the most significant environmental aspects and associated impacts on-site	Do you maintain an Environmental Mangement System (EMS) for the site. If yes, please detail in additional information	Highlighted cells contain dropdown menu click to view	Environmental Management Programme/Continuous Improvement Programme template
Yes	Yes	Yes	Yes		template
Public given envi	while ensuring landfill Consultants to look at alter	the gas collection system, the	In accordance with regulato practice and to implement a	Additional Information	Lic No:
Public given environmental data on request.	while ensuring landfill gas does not migrate off site. 2). Consultants to look at alternative treatment methods for landfill	Since the landfill is closed the emphasis is on the management of the gas collection system, the operation of the flare and the	in accordance with regulatory requirements and best landfill practice and to implement a schedule of objectives and targets.		W0071-02
	•				Year
					2014

Objective Category	Target	Status (% completed)	How target was progressed Responsibility	Responsibility	Intermediate outcomes
					Trial established that landfill gas does migrate off site
Reduction of emissions to Air	Establish whether landfill ga		100 Warks completed	Section Head	under certain circumstances.
SELECT		SELECT		SELECT	SELECT
SELECT		SELECT		SELECT	SELECT

					Date of monitoring	Table N1: No	1 Was noise ma If yes please the state of th		
					Time period	Table N1: Noise monitoring summary	1 Was noise monitoring a licence requireme If yes please fill in table N1 noise summary 2 Was noise monitoring carried out using the "Checklist for noise measurement report" 3 Does your site have a noise reduction plan 4 When was the noise reduction plan to site of the same there been changes relevant to site of the same there been changes relevant to site of the same there been changes relevant to site of the same there been changes relevant to site of the same there been changes relevant to site of the same there been changes relevant to site of the same there been changes relevant to site of the same there been changes relevant to site of the same there been changes relevant to site of the same the sam	7	
					Noise location (on site)	Anemun	1 Was noise monitoring a licence requirement for the lifyes please fill in table N1 noise summary below of year noise monitoring carried out using the EPA G2 Was noise monitoring carried out using the EPA G3 Checklist for noise measurement report" include 3 Does your site have a noise reduction plan 4 When was the noise reduction plan last updated? Have there been changes relevant to site noise er	loise monito	
					Noise sensitive location -NSL (if applicable)		1 Was noise monitoring a licence requirement for the AER period? If yes please fill in table N1 noise summary below Noise Was noise monitoring carried out using the EPA Guidance note, including completion of the Guidance "Checklist for noise measurement report" included in the guidance note as table 6? Does your site have a noise reduction plan When was the noise reduction plan last updated? Have there been changes relevant to site noise emissions (e.g. plant or operational changes) since the last noise survey?	Noise monitoring summary report	
					<u>\$</u>		d? s, including co ance note as	/ report	
					IA ₉₀		table 6?		
					LA ₁₀		the		
					LA _{maa}		Noise Guidance note NG4	Lic No:	
THE RESERVE		The state of the s		SELECT	Tonal or Impulsive noise* (Y/N)		SELECT SELECT Enter date SELECT	W0071-02	
	The state of the s	TO THE REAL PROPERTY OF THE PERSON NAMED IN	THE RESERVE THE PROPERTY OF THE PERSON NAMED IN	SELECT	If tonal /impulsive noise was identified was 5dB penalty applied?			Year	
					Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)			2014	
A CONTRACTOR OF STREET	Committee and the committee of the commi	32000	S V	SELECT	Is <u>site_compliant</u> with noise limits (day/evening/night)?			U	

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

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

Any additional comments? (less than 200 words)

SELECT

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

additional information

			Production +/- %	Energy
	×		compared to	Consumption +/-%
			previous reporting vs overall site	vs overall site
Energy Use Previous year		Current year	year **	production*
Total Energy Used (MWHrs)				
Total Energy Generated (MWHrs)				
Total Renewable Energy Generated (MWHrs)				
Electricity Consumption (MWHrs)	63.263	16.973	3	
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)	_			
Light Fuel Oil (m3)				
Natural gas (m3)	ļ			
Coal/Solid fuel (metric tonnes)				
Peat (metric tonnes)				
Renewable Biomass				
Renewable energy generated on site				

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 Wate	Table R2 Water usage on site				Water Emissions	Water Consumption	
Water use	Water extracted Previous year m3/yr.	Produc compa Water extracted previous Current year m3/yr. year**	tion +/- % red to us reporting	Energy Consumption +/- % Volume Discharged vs overall site back to production environment(m° vn):		Volume used i.e not discharged to environment e.g. released as steam	Unaccounted for Water
Groundwater							
Surface water							
Public supply	not measured - very low not measured - very low	not measured - very l	WO				
Recycled water							
Total							

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

Table R3 Waste Stream	Summary				
	Total	Landfill	Incineration	Recycled	Other
Hazardous (Tonnes)					
Non-Hazardous (Tonnes)					

resource usage/energy entitiency summary	mmary			Lic No:	W0071-02		Year
Table R4: Energy	Table R4: Energy Audit finding recommendations	ndations					
Date of audit	Recommendations	Description of Measures proposed	Origin of measures savings %	Predicted energy s savings %	Implementation date	Responsibility	Completion date
			SELECT				-
			SELECT				
			SELECT				
amount come of states superior metallic metallic	named is gonerated or						
Technology	Dower is generated on	Table R5. Power Generation: Where power is generated onsite (e.g. power generation facilities/food and drink industry)please complete the following information	ion facilities/food an	drink industry)pleas	complete the following	information	
Primary Fuel	Duit ID	site (e.g. power general	Unit 1D	drink industry)pleas	Station Total	information	
Th	Unit ID	site (e.g. power general	ion facilities/food an Unit ID	d drink industry)pleas Unit ID	Station Total	information	<u> </u>
Thermal Efficiency	Dower is generated or Unit ID	isite (e.g. power general Unit ID	ion facilities/food an Unit ID	d drink industry)pleas	complete the following Station Total	information	<u> </u>
Unit Date of Commission	Dower is generated on Unit ID	site (e.g. power general Unit ID	ion facilities/food an Unit ID	d drink industry)pleas Unit ID	complete the following Station Total	information	-
Unit Date of Commission Total Starts for year	power is generated or Unit ID	Site (e.g. power general	on facilities/food an	d drink industry)pleas Unit ID	complete the followin Station Total	information	
Unit Date of Commission Total Starts for year Total Running Time	Dower is generated on Unit ID	Site (e.g. power general	on facilities/food an Unit iD	d drink industry)pleas Unit ID	Complete the followin Station Total	information	-
Unit Date of Commission Total Starts for year Total Running Time Total Electricity Generated (GWH)	Dawer is generated on Unit ID	Unit ID	Unit ID	d drink industry)pleas	Station Total	information	
Unit Date of Commission Total Starts for year Total Aunning Time Total Electricity Generated (GWH) House Load (GWH)	Dawer is generated on Unit ID	Unit ID	Unit ID	d drink industry)pleas	Station Total	information	
Unit Date of Commission Total Starts for year Total Aunning Time Total Electricity Generated (GWH) House Load (GWH) KWH per Litre of Process Water	Dower is generated on Unit ID	Unit ID	Unit ID	d drink industry)pleas	Station Total	information	

Have you received any environmental complaints in the current reporting year? If yes please complete summary detable of complaints received on site in table 1 below Complaints and incidents summary template Complaints Bic No: Additional information W0071-02 Year 2014

Table	Table 1 Complaints summary						
			Brief description of				
			complaint (Free txt <20	Corrective action < 20			further
Date	Category	Other type (please specify) words)	words}	words	Resolution status Resolution date	Resolution date	information
	SELECT				SELECT		
	SELECT				SELECT		1
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		1
Total complaints							Ì
open at start of							
reporting year							
Totalnew		,					
complaints							
received during							
reporting year		-					
Total complaints							
closed during							
reporting year							
Balance of							
complaints end of							
reporting year							

increase	% reduction/	year	incidents previous	Total number of	year	incidents current	Total number of		16/12/2014	16/12/2014	28/11/2014 Odour	weekly / monthly	Date of occurrence Incident nature			Table 2 incidents summary	CO	*For informat.			Have any incidents			
2								SELECT	16/12/2014 Breach of ELV	16/12/2014 Breach of ELV	Odour	Breach of ELV	Incident nature			mmary	constitutes an incident	*For information on how to report and what		h Jean	occurred on are in the current			
260%		12			32			SELECT	Surface water	Groundwater boreholes	Fugitive emmissions	Perimeter gas wells	Location of occurrence				What is an incident			year in Table 2 below	tiave any incidents occurred on site in the current reporting wat? Please list all incidents for current reporting		Incidents	
								SELECT	2. Limited	2 Umited	1. Minor	1. Mirnor	refer to guidance	Incident category*please					_	Barrens and annual research	ents for current renowing			
								SELECT	Water	Ground	Air	Air	Receptor							***				
								SELECT	Other (add details Possible contamin Normal activities	Other (add details Possible contamin Normal activities	Other (add details Power failure	Other (add details Migration of gas	Cause of incident specify)	ç	QI							Additional information		
								35	ssible contamin No	ssible contamin (No				cause(please	Other /							3		
								SELECT SEL	mal activities EPA	mal activities EPA	Normal activities EPA	Normal activities EPA	time of incident Cor	progress at	Activity in									
								SELECT SI			tumo en est		Communication Occurrence											
								SELECT SE		New Re	New Re	Recurring Inc		ខ										
									Remove leachate	Remove leachate	Restore power	Increase extraction rail intend to flare Ongoing	words	Corrective action <20 action <20										
								35	Q.	0	CC CC	ntend to flare O	words Re	iction <20	Preventative									
								SELECT	Complete	Complete	Complete	agoing .	Resolution status date	22										
								12	Oct-15 Medium	Oct-15 Medium	28/11/2014 Medium	Oct-15 High		Resolution Li										
								SELECT	edium	edium	edium	4	reoccurence	Likelihood of										

	14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u>√</u>	S
Area III	Is all watte processing infrastructure as requisited by watte storage infrastructure as requisited by the referent nutsance. Do you have an odour management system to you maintain a shudge register on size. SECTION D-TO BE COMPLETED B Table 2 Waste type and forming for disposal. Weste types partialised Ausbardessides for disposal disposal.	Were any water accepted onto your ute is to be oppured through PRIM reporting). If yes please enter details in table I below 2 Did your site have any rejected consignme 2 Did your site have any rejected consignme 3 Was wate accepted on Table I Details of waste accepted on the consignment of the folial townsign from the your site (total townseed annum). [unopean Waste accepted on the your site (total townseed annum)]	WASTE SUMMARY SECTION A-PRIR OF SECTION B- WASTE
Net lastifiling compensed	4 is all waste processing infrastructure as required by your licence and approved by the Agency in place? If no please list waste istorage infrastructure required on site 5. It all waste storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste istorage infrastructure required on site 6. Does your facility have referant nuisance controls in place? 7. Do you have an odour management system in place for your facility? If no with?? 8. SECTION D-TO BE COMPLETED BY LANDFILL SITES ONLY 7. Table 2. Waste type and tonnage landfill only Waste type and tonnage landfill only 6. Areal lasals for disposal in reporting year (sai) 6. Comments Comments Comments Comments Comments Comments Comments Comments Comments Comments Comments Comments	Were any water <u>streeted onto your stee</u> for recovery of disposal or treatment prior to recovery or disposal within the boundaries of your failing?; (water persented within your boundaries is be provided by the please enter details in table 1 below 2 Did your use have any rejected consignments of waste in the current reporting year? If yes please give a brief explanation in the 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 though first for your site for recovery, disposal or treatment (do not include wastes generated at your site, as these will though first for your site for recovery, disposal or treatment (do not include wastes generated at your site, as these will though first for your site for recovery disposal or treatment (do not include wastes generated at your site, as these will succeed a pour site of waste excepted in the reporting year (towner) and desirated in providing year (towner). Section C.TO BE COMPLETED BY ALL WASTE FACILITIES (waste transfer stations, Composters, Material recovery facilities etc.) EXCEPT LANDFILL SITES.	UK NO. SECTION A-PRIR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES SECTION B-WASTE ACCEPTED ONTO SITE TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES
Date landSilling crawd	gapperared by the Agency in place? If the with? Pit no with? NLY Actual lastate for dispussal in reporting year (typa)	of trealment prior to recovery or determinent prior to recovery of the for recovery, disposed burse of watte excepted. Source of watte excepted.	WASTE TRANSFERS TAB-
Currently landfilling	To please bit waite store Riemaksleg Breand expectly a read of reporting year (ad)	isposal within the bounds as a brief explanation in the bound? If yes please state it seed not not not not not not not not not not	TO BE COMPLETED TO BE COMPLETED
Private or Public Operated	ge infrastructure required	nies of your facility?; least e additional information for quantity in tonnes in as Quantity of tonnes in as Quantity of waste accepted in current in propring year (tonnes)	BY ALL IPPC AND W
lerri er een haarrbes	on site	le generaked within your boundaries i astes generated at your si Quantity of wrate excepted in previous reporting year (tonnes)	ASTE FACILITIES
Prelicted date to two w landfilling	9167 9167 9167 9167	SELECT SELECT SELECT Reduction/ Increase over previous year */- %	PRIR Holdy begon
Licence pormits sobretes		1	
le there a separate cell for administ		have been reported in your PRTR workbook) Reston for Pathage Content (h). Dispositive the treatment operation from prorious uses has a pathage of treatment operation of this operating rear of this operation.	rear
Assepted advetos is reporting		Pathaging Content (PA) Pathaging Content (PA) Polyappilar Wise Pathaging at your site and the description component of this operation arrival out of this operation	dropdown list Cit k to see aptions
Total dispusal area accepted by waste		Quantity of waste or remaining on termaining on all earth error do rear (tonnes) year (tonnes)	
Lined dispusal area occupied by waste		Comment 4	
College of			

Gas Captured& Frested by LFG System m3 Frence		Table 7 Landfill Gas-Landfill only	Volume of leachate in reporting year(m.) Leachate (HC	AN THE REPORT OF SHEET AND SHEET THE SET OF SHEET SHEE	9 st watchase from your site iteated in a Waste Water Treatment Plant?	Table 6 Leachate-Landfill only		la la	Area uncapped" Area with ter	. • please refer to Landfill Manual linked above for referent Landfill Directive monitoring standards Table 5 Capping-Landfill only	No Na	diaring la pliance with pliance with dill Directive (IJD) diard in reporting	Table 4 Environmental monitoring-landfill only	WASTE SUMMARY
Pewer generated (MW/KWh)		osure that all information rep	farchety (HIII) man load (Ly)2004m)	an Jes becase compacts seatts	Waste Water Trealment Plan	Y area		Name of Street	Area with temperary cop	ed above for relevant Landfill		Was lesshate mendeaved in rempilance with LID standard to reporting year	toring-landfill only	
THE PERSONNEL AND DESCRIPTION OF PERSONS ASSESSMENT OF PERSONS ASS	I had so with a state of the st	Phase ensure that all information reported in the landfill par section is consistent with the Landfill Gas Survey submitted in conjunction with PRITE returns and fill Only	Lenchate (COD) more lead (hg/assesse)	ate mass load enformation below	### T			Arra with final cap to [L1] Nemalard m2 bs, a		Directive monitoring standards	No	Wes SW maskered in compliance with L11 compliance with L11 canderd in standard in reporting true	Landfill Manual Monsorry Standards	
,	Was surface embodiess modified performed dering the reporting	consistent with the Landid	Leachate (NH4) more lead (hg/annue)					Area capped other			No	Was SW monitored in compliance with 1,33 standard in reporting year	nderds	
		Gas furvey submitted in	Lesehate (Chloride) more leed hg/ameng				9	capped to date under licence	Area with waste that should be permanently	2000	No	Have GW trigger levels		
		tonjunction with PRTR returns	Leschols frestment on-site				An impermeable geocomposite layer, BODmm subsoil and 200mm top soil for 7 ha. A permeable geocomposite 9 layer for 2 ha.	What materials are used in the cap		0.000	Yes	Were entiteden Emit values agreed with the Agency (ELV)		tic No:
		ı	Specify type of brechate trestment	No	Yes		Capping work completed in April 2012	Comment			No	Was topugraphy of the site surveyed in		W0071-02
			Comments			,				-		Hee the elatement under NS(A)(5) of WNIA been enhalited in		
											Due to retirement of key pe			Year
											Oue to retirement of key personnel some license requirements were not met.			P102

Comments of the Party of the Pa

Sec.

Guidance to completing the PRTR workbook

AER Returns Workbook

REFERENCE YEAR 2014

1. FACILITY IDENTIFICATION

Parent Company Name (Westmosth County Counts)

Facility Name (Marinstown Landfill

PRTR Identification Number (W0071 02)

Licence Number (W0071 02) Classes of Activity

No. class name
- Refer to PRTR class activities below

Web Address	User Feedback/Comments N	Number of Employees	Number of Operating Hours in Year	Number of Installations	Production Volume Units	Production Volume	AER Returns Contact Fax Number	AER Returns Contact Mobile Phone Number 087 7958143	AER Returns Contact Telephone Number 044 9332128	AER Returns Contact Position Senior Executive Technician	AER Returns Contact Email Address ptighe@westmeathcoco.ie	AER Returns Contact Name Patrick Tighe	Wain Economic Activity T	NACE Code 3821	River Basin District IEEA	Coordinates of Location -7.29169 53.5229	Country Instand	*	Address 4	Address 3	Address 2 Multingar	Address 1 N
	User Feedback/Comments (No gas was flared at the landfill throughout this year. Our consultants had agreement with the EPA to carry out a pumping trial, whereby the extracted gas was blown through the flare at different settings with the ignition source off. The trial was to establish if gas was ingrating from the site outing low rates of abstraction or when the flare was down. The trial did prove that gas is migrating off the site at low abstraction rates. Leachate volumes removed from the site compared to 2013 have reduced by 75%. This is due in part to the dry summer of 2014 but also because of problems with the leachate pumps. These pumps have been serviced.		0.	0		0.0		087 7858143	044 9332128	Senior Executive Technician	pighe@westmeathcoco.le	Patrick, Tighe	Hein Economic Activity Treatment and disposal of non-hazardous waste	3821	ESA	7.29169 53.5229	heland	Westmeath			Multingar	Address 1 Northistown Bog

Is the reduction scheme compliance route being used ?	-		Activity Name Installations for the recevery or disposal of hazardous waste (installations for the disposal of non-hazardous waste (General No.) No.	
S(c) Installations for the disposal of non-hazardous waste 3. SOLVENTS REGULATIONS (S.I. No. 543 of 2002) Is it applicable? (No Have you been granted an exemption? If applicable which activity class applies (as per Schedule 2 of the regulations)?		TOTAL STREET	stallations for the recovery or disposal of hazardous waste	
3. SOLVENTS REGULATIONS (\$.1. No. 543 of 2002) Have you been granted an exemption ? If applicable which activity class applies (as per) Schedule 2 of the regulations ??	1002) No 	5(c)	stallations for the disposal of non-hazardous waste	
Have you been granted an exemption ? If applicable which activity class applies (as per Schedule 2 of the regulations) ?	7 No.	1 SOI VENTS BEGIN ATMONS IS NO SAT OF THE	3	
Have you been granted an exemption ? If applicable which ectivity class applies (as per Schedule 2 of the regulations) ?	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	or occupant a regularization of 10. 343 of 500		
Harve you been granted an exemption ? If applicable which activity class applies (as per Schedule 2 of the regulations) ?	21	Is it applicable?	0	
ff applicable which activity class applies (as per) Schedule 2 of the regulations) ?		Have you been granted an exemption ?		
	7	If applicable which activity class applies (as per) Schedule 2 of the regulations) 7		
		4. WASTE IMPORTED/ACCEPTED ONTO SITE		

activities) ?|
This question is only applicable if you are an IPPC or Quarry site

Total estimated methans generation (as per site model)

Methans fased

Methans fased

Methans fased

Methans fased

A above) Landfill:
Please enter summary data on the quantities of methens flared and i or utilised Additional Data Requested from Landfill operators u the primar of the Internal Investory on Chemistrae Chan, handle primary on represent to private manary data is bedding as (between) hand or deliber of the internal to executing the Spart of bedding substances. Operation of the properties the medicals (CAS) assessed If we executioned under I (basis ICOy for Section A. Notice appoint, PSI) publicated above. Proper complete the substances SECTION C : REMARKIG POLLUTANT EMISSIONS (As required in your Liverios) 12 ALAXES TO AH Marinstown Landfill " Belant a view by Smilite-Circlery on the Published Names (Circleres B) then circle the desires factors " Seinci a ven by dealth-circlery on the Publish Name (Column II) then circle the delete hatter T (Totali by Year M/C/E Method Code MC/E Herhod Code Method Used
Designation or
Designation or Calculated using gas arm Please enter all quantities in this section in KOs Emisson Pont 1 T (Total) KGYess A (Accidental | KGYess F (Fugere) KGYess 0 0 Facility Total Capacity m3 per hour NA (Total Flamg Capacity) (Total Uslang Capacity) ALLINYND

2060000

ONLY)	OW (HAZARDOUS WASTE	ddress of Final Recoverer /	and License / Permit No. and	
(HAZARDOUS WASTE ONLY)	te. Final Recovery / Deposal See	Actual Address of Final Destrution		

No	Hazardous
113.0	Quantify (Tonnes per Year)
113.0 in 1907 02	
Da	
n	WC/E
Volume Calculation	Waste Treatment MC/E Method Used
Offsite in Ireland	Location of Treatment
Volume Calculation Offsite in Ireland Treatment Plant D 0008-01 WestmeathIreland	Haz Waja - Name and Lewes-Permit has it had bearbasen Facility - Name -
Clonmore,Mullingar,Co Westmeath,,,freland	Hs. Waste: Address of Next Destrusion Facility Non-Hs. Waste Address of Recover/Disposer
	Name and Addres Daposer

the state of the s

Transfer Destination Co
Within the Country 19 07 03

European Waste Code

Link to preyous years waste data
Link to previous years waste summary data & percentage change
Link to Waste Guidance

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