	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.	AER Reporting Year Licence Register Number Name of site Site Location NACE Code Class/Classes of Activity National Grid Reference (6E, 6 N)
i ellioved if offi the licence.	Haroldstown Waste Transfer Station closed to the public on 31/12/2009 and no longer accepts waste. Compliance monitoring in accordance with Licence conditions continues at the site. During 2017 the following annual groundwater monitoring. The requirement to carry out dust and noise monitoring at the site has been	V 2017 W0139-01 Haroldstown Waste Transfer Station Haroldstown, Carlow 3821 2,3,4,12,13 290303, 178099

Declaration:All the data and information presented in this report has been checked and certified as being accurate. The

(or nominated, suitably qualified and experienced deputy) Group/Facility manager Signature quality of the information is assured to meet licence requirements. Date

Are there any results in breach of licence requirements? If yes please provide brief details in the comment section of TableA1 below	Periodic/Non-Continuous Monitoring	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		AIR-summary template Answer all questions and complete all tables where relevant
f Yes		Yes		Lic No:
Some off-site locations exceeded the ELV for %CO2 durin monthly monitoring events. All exceedances are included in the complaints / incidents section of this report		Licensed air emissions relate to landfill gas monitoring at landfill gas wells on-site and off site. There is no flare or engines on site and continuous monitoring is not a requirement. Therefore tables A1 and A2 are not relevant.	Additional information	W0139-01 Year
02 during e included		nitoring at no flare or so fla		2017

_						ω	2
Note 1: Volumetric				Emission reference no:	Table A1: Licer	Was all monitorin note AG2 and	Are there any resu
Note 1: Volumetric flow shall be in the 1	SELECT	SELECT	SELECT	Parameter/ Substance Monitoring	sed Mass Emission	Was all monitoring carried out in accordance with EPA guidance note AG2 and using the basic air monitoring checklist?	llts in breach of licence r
				of	s/Ambient data-p	ce with EPA guidance itoring checklist?	equirements? If yes ple: TableA1 below
	10	10		ELV in licence or any revision therof	periodic monitor	Basic air monitoring checklist	ase provide brief de
SELECT	SELECT	SELECT	SELECT	Licence Compliance criteria	Table A1: Licensed Mass Emissions/Ambient data-periodic monitoring (non-continuous)	AGN2	Are there any results in breach of licence requirements? If yes please provide brief details in the comment section of TableA1 below
				Measured value		N/A	Yes
SELECT	SELECT	SELECT	SELECT	Unit of measurement			monthly monito in the comp
SELECT	SELECT	SELECT	SELECT	Compliant with licence limit			ne off-site locations exceeded the ELV for nthly monitoring events. All exceedance in the complaints / incidents section of t
SELECT	SELECT	SELECT	SELECT	Annual m			Some off-site locations exceeded the ELV for %CO2 during monthly monitoring events. All exceedances are included in the complaints / incidents section of this report.
				Annual mass load (kg)			
				Comments - reason for change in % mass load from previous year if applicable			

	7	6	ы		4		
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		ble A2 below	Did continuous monitoring equipment experience downtime? If was places and the city)	lds below in Table A2 and compare	Does your site carry out continuous air emissions monitoring?	Continuous Monitoring	AIR-summary template
N/A	N/A	N/A			N	Year 2017	lic No: Wassa of

reference no:	Parameter/ Substance		Averaging Period	Averaging Period Compliance Criteria	Units of measurement	Annual Emission	Annual maximum Monitoring	Monitoring
		ELV in licence or						downtime (hours) current
		any revision therof						
10	SELECT			77.704				
	7			SELECT	SELECT			
	SELECT				SELECT			
S	SELECT				SELECT			
20	SFIECT				SELECT			
	ELECT				SELECT			
* 1. Walinatai - 6	Poto 1: Volumetric di							
Table A3: Abate	Table A3: Abatement system bypass reporting table		7.		SELECT			
	Duration** (hours)	ass reporting table		Bypass protocol	SELECT			
		Location	2	Bypass protocol Reason for bypass	SELECT	Impact magnitude		Correction
		location Location	21	Bypass protocol ason for bypass	SELECT	Impact magnitude		Corrective action
		location Location	2	Bypass protocol ason for bypass	SELECT	Impact magnitude		Corrective
		Location Location	27	Bypass protocol ason for bypass	SELECT	Impact magnitude		Corrective
		Location Location	₹.	Bypass protocol ason for bypass	SELECT	Impact magnitude		Corrective
		Location Location	2	Bypass protocol ason for bypass	SELECT	Impact magnitude		Corrective
		Location Location	2	Bypass protocol ason for bypass	SELECT	Impact magnitude		Corrective

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

	1	_		1	1					
Solvent		Table A5:			nepoling year		Table A4: Solv Total VOC Em	Do you have a tot	Solven	Air-summary template
(I) Inputs (kg)	(I) Inputs (kg)	Solvent Mass Balan			site (kg)		ent Management Pl ission limit value	al Emission Limit Value of	t use and managem	rempiate
Organic solvent emission in waste		ce summary			emissions to Air from entire site (direct and fugitive)		an Summary	direct and fugitive em	ent on site	
Solvents lost in water (kg)					Total VOC emissions as %of solvent input		Solvent regulations	issions on site? if y		
Collected waste solvent (kg)	(0				Total Emission Limit Value (ELV) in licence or any revisio		Please refer to linked solv complete table	es please fill out tables A4 and		
Fugitive Organic Solvent (kg))) Outputs (kg)		SELECT	SELECT	Compliance		vent regulations to 5 and 6	A5		Lic No:
Solvent released in other ways e.g.										W0139-01
							No			
Total emission of Solvent to air (kg)										Year
									2027	2017
	(I) Inputs (kg) Organic solvent Solvents lost in Collected waste solvent (kg) Fugitive Organic Solvent released Solvents destroyed solvent (kg) in other ways e.g. onsite through	Organic solvent Solvents lost in Collected waste solvent (kg) Fugitive Organic Solvent released Solvents destroyed emission in waste water (kg) Solvent (kg) in other ways e.g. onsite through	(I) Inputs (kg) Organic solvent Solvents lost in Collected waste solvent (kg) Fugitive Organic Solvent released Solvents destroyed Solvent (kg) Fugitive Organic Solvent (kg) In other ways e.g. onsite through	(I) Inputs (kg) Organic solvent Organic solvent Organic solvent Solvents lost in water (kg) Organic solvent Solvents lost in water (kg) Organic solvent (kg) Organic solvent Solvent (kg) Fugitive Organic Solvent (kg) In other ways e.g. onsite through	A5: Solvent Mass Balance summary (I) Inputs (kg) (I) Inputs (kg) Organic solvent Solvents lost in water (kg) Organic solvent (kg) Fugitive Organic Solvent released Solvent sestroyed Solvent flow on site through	Compliance Com	Total solvent input on site (kg) Total VOC emissions to Air emissions as % of from entire site (alirect and fugitive) Compliance Compl	Inputs (kg) Organic solvent (kg) Organi	Table A4: Solvent Management Plan Summary Solvent Total VOC Emission limit value Total VOC Emission limit value Total VOC emissions to Air emissions as %of from entire set (kg) Flagstive Organic Solvent (kg) Organic Mass Balance Summary Organic Solvent Solvent (kg) Organic Solvent Solvent (kg) Organic	Solvent use and management on site Total VOC Emission limit value of direct and fugitive emissions on site? If yes please fill out tables Ad and As Total VOC Emission limit value In ordal Emission limit value In ordal VOC Emission limit value In ordal Emission limit value In ordal VOC Emission limit value In ordal Emission limit value In ordal VOC Emission limit va

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Note 1: Volumetric			Emission E	Table W3: Lice	Was all monito guidance and che Data Reported to require impro	3 Was there any re	Licensed Emis				Reference	o cation	Table	*trigger values ma			Location reference	l able l	summarisi	Was it a requir 2 discharges or v	1 please comp further questio W	Does your site	AEN MOIIIO
ssion Limit Values		SELECT	Emission released to	ensed Emissio	ring carried out in cklists for Quality o the EPA? If no p ovement in additio	esult in breach of com	sions to wate				inspection		W2 Visual in:	ay be agreed by th	SELECT	SELECT	Location relative to site activities	VI Storm wat	ng <u>only any evid</u>	ement of your li watercourses on	ete table W2 ans. If you do no	have licensed e	ing returns su
Note 1: Volumetric flow shall be included as a reportable parameter Note 2: Volumetric flow shall be included as a reportable parameter.	Ĭ.	SELECT	Parameter/ SubstanceNote 1	Table W3: Licensed Emissions to water and /or wastewater (sewer)-periodic monitoring (non-continuous)	Was all monitoring carried out in accordance with EPA guidance and checklists for Quality of Aqueous Monitoring Data Reported to the EPA/I if no please detail what areas require improvement in additional information box	Was there any result in breach of licence requirements? If yes please provide brief details in the comment section of Table W3 below	Licensed Emissions to water and /or wastewater(sewer)-periodic monitoring (non-continuous)						Table W2 Visual inspections-Please only enter details where contamination was observed	*trigger values may be agreed by the Agency outside of licence conditions	SELECT	SELECT	PRTR Parameter	lable W1 Storm water monitoring	summarising only any evidence of contamination noted during visual inspections	Was it a requirement of your licence to carry out visual inspections on any surface water discharges or watercourses on or near your site? If yes please complete table W7 helper	please complete table W2 and W3 below for the current reporting year and answer further questions. If you do not have licenced emissions you only need to complete table W1 and or W2 for storm water analysis and visual inspections	Does your site have licensed emissions direct to surface water or direct to course? If you	ALIX INDITIONING FETURES SUMMARY TEMPLATE WATER/WASTEWATER(SEWER)
neter		- 1	Type of sample	wastewater (s	External /Internal Lab Quality checklist	es please provide br below	er(sewer)-peri			Description of contamination			y enter details	e conditions	SELECT	SELECT	Licenced Parameter		noted during visua	l inspections on a	rrent reporting ye is you <u>only</u> need t ind visual inspect	co water or direct	ATER/WASTE
			Frequency of monitoring	ewer)-periodic	Assessment of results checklist	ief details in the	odic monitorin			tamination			where contan				Monitoring date		l inspections	ny surface water	ar and answer o complete table ions	*	VAIER(SEWER
		SELECT	Averaging period	monitoring (n	SELECT	No	g (non-continu						nination was of				ELV or trigger level in licence or any revision thereof*		SELECT		No		,
			ELV or trigger values in licence or any revision therof ^{lote 2}	on-continuous)		There are no licer	ious)	SELECT	SELECT	contamination	Source of	Societa.	served		SELECT	SELECT	Licence Compliance criteria		There is no dischar		Tables W1 and V		Lic No:
	SELECT	monitor compilative cittella	licence Compliance calcula			There are no licensed emissions to water or wastewater from the site.				Corrective action							Measured value		There is no discharge from the site direct to a watercourse. There was no evidence of contamination at any location.		Tables W1 and W2 are not relevant. There is no storm water analysis required at the site.	Additional Information	W0139-01
		Measured value				water from the site.				tion				SELECT	SELECT		Unit of measurement		rcourse. There was no cation.		storm water analysis		
	SELECT	measurement	Unit of						Collillella	Com				SELECT	SELECT		Compliant with licence	L				_	Year
	SELECT	licence	Compliant with						liello	ments							Comments						2017
	SELECT	Method of analysis												_									17
	SELECT	reference source	Procedural																				
		standard number	Procedural																				
		(kg)	Annual mass																				
	a continue																						
	I I I I I I I I I I I I I I I I I I I																						

*Measures taken or			Cale	Table W5: Aba		note 1: Volumetric			Emission E.		Table W4: Sun	Did abatement sys 8 below	7 Do you have a pro site?	Did continuous mo	If yes please summarise your continue its relevant Emission Limit Value (ELV)	5 Does your site ca.	Continuous monitoring	The state of the s
r proposed to re			Duration (hours) Location	tement syst	THE STREET OF THE	flow shall be inc	or the	SELECT	Emission released to		nmary of av	stem bypass occ	active service co	onitoring equipr	marise your cor ion Limit Value	rry out continuo	nonitoring	ing returns s
*Measures taken or proposed to reduce or limit bypass frequency			Location	Table W5: Abatement system bypass reporting table	parameter.	hidad as a second-bl	SELECT	SELECT	Parameter/ Substance		Table W4: Summary of average emissions -continuous monitoring	Bid abatement system bypass occur during the reporting year? If yes please complete table W5 below	7 Do you have a proactive service contract for each piece of continuous monitoring equipment on site?	Did continuous monitoring equipment experience downtime? If yes please record downtime in table W4 below	If yes please summarise your continuous monitoring data below in Table W4 and compare it to its relevant Emission Limit Value (ELV)	5 Does your site carry out continuous emissions to water/sewer monitoring?		recommendation (Sewer)
ency			Resultant emissions	table	ameter.				values in licence or any revision thereof	ELV or trigger	ntinuous monit	ar? If yes please cor	ontinuous monitorir	e? If yes please reco	below in Table W4	wer monitoring?		WATER/WASTE
			Reason for bypass				SELECT	SELECT	Averaging Period		oring	mplete table W5	ng equipment on	ord downtime in	and compare it to			WATER(SEWE
			Corrective action*				SELECT	SELECT	Compliance Criteria		N/A	N/A	N/A		٥	No		2
		SELECT	Was a report submitted to the EPA?				SELECT	SELECT	Units of measurement		180							Lic No:
			When was this report submitted?					07	Annual Emission for current reporting year (kg)							Cantional Information	Addisonal	W0139-01
_	-		7						% change +/- from previous reporting Monitoring year									
								downtime (hours)	Monitoring Equipment						L			Year
								reporting year	Number of ELV exceedences in								/102	2017
								Comments										

Table B2: Sum Structure ID Type sy SELECT	Table B2: St Structure ID Type	Table B2: Sv	The sevence of your necessary to ungertake into underground structures and pipelines on site with 2. Please provide integrity testing frequency period please note integrity testing means water tightness.	Pipeline/underground structure testing	17 Are channels/transfer systems compliant in both integrity and available	15 line with BS8007/EPA Guidance?	 Capacity required should comply with 25% or 110% containment rule as detailed in your licence. Has integrity testing been carried out in accordance with licence require 	SELECT	Bund/Containment structure ID Type SELECT	Table B1	13 is the Fire Water Retention	12 If yes to Q11 are these fallsafe systems included in a main	Please list any sump integrity failures in table B1	9 How many sumps on site are included in the integrity test schedule? 10 How many of these sumps are integrity tested within the test schedule?	8 How many of these mobile bunds have been tested within	6 How many mobile bunds are on site? 7 Are the mobile bunds included in the	5 How many of these bunds h	3 type units and mobile bunds) 4 How many bunds are on site?	Does the site maintain a register of bunds, under	2 Please provide integrity test	Are you required by your li- containment structures on the table below place but	Bund testing	Bund/Pipeline testing template
		Type system	ince to undertake sipelines on site yong frequency perior means water tight	ructure testing	ns compliant in bo	ICE?	25% or 110% containm	CT	CT P	: Summary details	Pond included in	ife systems includ	y failures in table	e included in the re integrity tester	bunds have been	e on site?	ave been tested	s)	gister of bunds, u	ting fraguency on	ence to undertak site, in addition t		g template
	SELECT	Material of construction:	1. Underground structures and pipelines on site which failed the integrity testing all 2. Please provide integrity testing from the structure of pipelines or stumpes for 1 five please fill out table 2 below listing all 2. Please provide integrity testing frequency period. *Please provide integrity testing means water tightness testing of all underground pipelines (as required under your licence). **Table B2: Summary details of pipeline/underground structures integrity test.		Are channels/transfer systems compliant in both Integrity and available volume?		* Capacity required should comply with 25% or 110% containment rule as detailed in your Rennce Has integrity testing been carried out in accordance with licence requirements and are all structures to the state of		Specify Other type	Table B1: Summary details of bund /containment structure integrity test	your integrity test programme?	12. If yes to Q.11 are these fallsafe systems included in a maintenance and testing programme?	B1	integrity test schedule?	How many of these mobile bunds have been tested within the required test schedule?		5 How many of these bunds have been tested within the required test schedule?	type units and mobile bunds) How many bunds are on site?	nderground pipelines (including a	Please provide integrity testing frequency paried.	Are you required by your licence to undertake integrity testing on bunds and containment structures? If yes please fill out table 81 below listing all new bunds and containment structures on site, in addition to all bunds which falled the integrity test all bunding structures which falled including mobile bunds must be listed in the rather hardwards.	dropdown men	
	SELECT	Does this structure have Secondary containment?	structures e.g. pipelines or sum all which have not been tested been tested under you beelines (as required under you integrity test				مر مرد المرد		Product containment	ntegrity test		orogramme?			hedule?			sommer and roul, ranks, sun		mobile bunds and chemstore inc	ontainment structures ? if yes p rity test-all bunding structures w	dropdown menu click to see options	
	SELECT	Type of secondary containment	ps etc? if yes please fill ou within the integrity test pe r licence)			bunding and storage guidelines			Actual capacity									ps and containers? (contai		luded)	lease fill out table B1 belo hich falled including mobi		
	SELECT		rt table 2 below listing all rrlod as specified			nes			Capacity required*									iners refers to "Chemstore			w listing all new bunds an le bunds must be listed in		Lic No:
	SELECT STEET	Integrity reports	No N/A		N/A	N/A	SELECT	SELECT	Type of integrity test		N/A	N/A		N/A	N/A	N/A		No o	s	Yes			W0139-01
	SELECT SELECT			Ā		Commencery	Commentan		Other test type							0	0		operational and bunds are not in use	however the site is no longer	Condition 9.5 requires testing	Additional	
	<50 words	Integrity test						alen ica i					Ц						use.				Year
		n Corrective action					SELECT	SELECT	Integrity reports														
	for retest	Scheduled date					SELECT	Results of test														/102/	
SELECT	reporting year)	Results of retest(if in current						explanation <50 words	Integrity test fallure														
							SELECT	Corrective action taken															
									Scheduled date														
								reporting year)	Results of retest(if in													Ц	

Is there evidence that contamination is migrating offsite?	12		97	3?		γ	remediation strategies proposed/undertaken for the site	Have actions been taken to address contamination issues 21f vas places are actions.				6	Is the contamination related to operations at the facility (sixton contamination related to operations at the	5	12 below. template	/ through ALDER as a licensee return AND answer questions 5-	Monitoring Guideline Template Report (link in cell G8) and submit Groundwater	4 results for a substance? If yes, please complete the Groundwater	criteria such as GTVs or IGVs are exceeded or is there an upward trend in	Do monitoring results show that groundwater generic accomment	Do you extract groundwater for use on site? If yes please specify use in comment section		Are you required to carry out groundwater monitoring as part of your licence requirements? 2 Are you required to carry out soil monitoring as part of your licence requirements?	1		Lic No:
SELECT		yes	yes	yes	no	SELECT	yes					yes			no						no	no	yes			W0139-01
site. However results reported during 2017 do not show evidence of contamination. Further sampling and analysis will allow for hetter interpretation of contamination.	Precious monitoring events may have suggested that		O	Tier 2 Risk Assessment completed		parallecers.	additional groundwater and	frequency of monitoring and	2017, in the form of increased	the Tier 2 Risk Assessment for the	The recommendations for the in-	unlined landfill site.	contamination as the site is an	There is a potential for										Comments	Comments	
									appropriate parametric values.	_	o =	reported for round 2. The remaining results reported during Round 1	not rectified by round 2 and therefore no ammonia results were	or laboratory stage as results were considered abnormal. The issue was	reported during round 1 2017, however following sampling, analysis and	carried out during May 2017 and December 2017. Ammonia levels were	well is damaged and requires replacement. Sampling events were	twice. GW6 was sampled during round 2. GW2 was not sampled as the	per year. During 2017 GW1, GW3, GW4 and GW5 were all completed	The licence requires that 6 groundwater had been 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 is also			Year 2017

lable 1: Upgradient Groundwater monitoring results	O company	Groundwater/Soil monitoring template
	Lic No: W0139-01	
	Year	
	2017	

								_													
Dec-17 GW4	Dec-17 GW4	Dec-17 GW4	Dec-17 GW4	May-17 GW4	Dec-17 GW4	May-17 GW4	Dec-17 GW4	Dec-17 GW4	May-17 GW4	Dec-17 GW4	Dec-17 GW4	Dec-17 GW4	Dec-17 GW4	Dec-17 GW4	Dec-17 GW4	Dec-17 GW4	May-17 GW4	Dec-1	May-1	May-1	Date of sampling
			GW4		GW4	GW4	GW4	GW4	GW4	GW4	GW4	GW4	GW4	GW4	GW4	7 GW4	7 GW4	Dec-17 GW4	May-17 GW4	May-17 GW4	Sample location reference
	lron	Copper	Chromium	Calcium	Cadmium	Boron	Total Organic Carbon	Alkalinity	Sulphate	Fluoride	Nitrogen	Ortho-phosphate Total Oxidised	COD	BOD	Nitrate	Chloride	Conductivity	무	Dissolved Oxygen	Temperature	Parameter/ Substance
Method 3125B	US EPA Method 6010B	Method 3125B AWWA/APHA	Method 3125B AWWA/APHA	US EPA Method 6010B	Method 3125B AWWA/APHA	Method 3125B AWWA/APHA	AWWA/APHA	Method 2320B AWWA/APHA	325.1 & 325.2	Method 4500F AWWA/APHA	325.1 & 325.2	325.1 & 325.2 EPA Methods	ISO 6060-1989		EPA Methods 325.1 & 325.2	EPA Methods 325.1 & 325.2	Electrometry	pH probe		temp probe	Methodology
	Bi-annual	Bi-annual	Bi-annual .	Bi-annual	Bi-annual	Bi-annual	Bi-annual .	Bi-annual	Bi-annual	Bi-annual	Bi-annual	Bi-annual	Bi-annual	Bi-annual	Bi-annual	Bi-annual	Bi-annual	Bi-annual	Bi-annual	Bi-annual	Monitoring frequency
<0.2	<0.019	34.8	Δ	76.2	<0.08	13	۵	165	13.6	<0.5	10.4	0.046	<7	۵	10.36	19.6	495	6.8	78	14.3	Maximum
	-																			Concentration+	Average
	l/8n	l/8n	l/an	mg/l	ug/l	ug/l	mg/l	mg/l CaCO3	mg/l SO4	mg/l F	mg/l	mg/l P	mg/l	mg/l	- C	mg/I Cl	IIS/cm	pH units	% 6	unit	
	200 DWS	2000 DWS	50 0		5	1000 DWS			250	0.8				11.3	250	2500	70:0	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		GTV's*	
	Wa S	Ws	DWS	DWS	DWS	SWS	DWS	SWD	DWS	0.8 DWS	DWS	DWS	DWS		250 DWS	2500 DWS	DW0	DWS	DWS	SELECT**	
											•								SELECT	of monitoring data	Upward trend in pollutant concentration over last 5 years

May-17 GW4 EPH	: i			Dec-17 GW4		Dec-17 GW4	Dec-17 GW4	i		Dec-17 GW4	Dec-17 GW4	May-17 GW4			Dec-17 GW/	C + 1	Dec-17	Dec.T.	Dec-17 GW/	May-17 GW4		May-17 GW4		
GW4				GW4		GW4	GW4			GW4	GWA	GW4		-	GW/A	1	GWA	+	GW/A	GW4		GW4		
EPH				Faecal Coliforms		Total Coliforms	Evaporation	Residue on	- iiciicii	Phenois	Total Consider	Zinc		Colonia		rotassium		Mercury		Manganese		Magnesium		
	environmental	Petroleum Hydrocarbons In		Filtration	Membrane	Filtration	¥	Method 2540B	TP-CC	Half	AWWA/APHA	AWWA/APHA	Method 3125B	Method 60108 Bi-annual	US EPA	Method 60108 Bi-annual	US EPA	EN23506:2002	BS	AWWA/APHA	Method 3125B	Method 6010B	US EPA	
Bi-annual				Bi-annual	Ci dillida	Bi-annual	Bi-annual		BI-annual	Bi-annual		Bi-annual		Bi-annual	8	Bi-annual		Bi-annual		Bi-annual		Bi-annual		
	Č	<46		_		ω		342	<0.025		<0.05		47.3		13.2		1.6		<0.01		12.3		4.8	LICINO.
																								TO-SCTOAA
				cfu/100ml	cfu/100ml		mg/l		mg/l	mg/l	g	ug/l		mg/l		mg/l		ug/l	8/-	uø/l		mg/l		
			OVVO		0 DWS		D		ים	D		7		200 DWS		D		1 0	50 DWS	7				Year
			V	Arc .	NS		DWS		DWS	WS	CANO			WS		DWS		DWS	SWS			DWS		2017

.+ where average indicates arithmetic mean
.++ maximum concentration indicates the maximum measured concentration from all monitoring results produced during the reporting year

							_		
**Depending o site is close to	More informatic	*please note e substance indic			Date of sampling		Table 2: DC	Groundwa	
on location of the so	on on the use of so	xceedance of gen ates that further Template			Sample location reference		wngradient	ter/Soil mor	16
site and proximity to othe ompare to Surface Water	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)	ce of generic assessment criteria (GAC) such as a Groundwater Threshold Value (GTV) or an Interim Guideline Value (IGV) or an upwa at further interpretation of monitoring results is required. In addition to completing the above table, please complete the Groundwate Template Report at the link provided and submit separately through ALDER as a licensee return or as otherwise instructed by the EPA.			Parameter/ Substance		lable 2: Downgradient Groundwater monitoring results	Groundwater/Soil monitoring template	
ar sensitive recep Environmental Q	dards/ generic as: lished guidance (:	GAC) such as a Ging results is requeed and submit se			Methodology		nitoring res		
tors alternative Receptor b uality Standards (SWEQS), Water Standards (DWS)	sessment criteria see the link in G31)	iroundwater Threshol uired. In addition to co parately through ALD			Monitoring		ults		
tor based Water Quality QS), lif the site is close to DWS)	Guidance	d Value (GTV) or an Inter Impleting the above tab R as a licensee return o			Maximum Concentration			Lic No:	
standards should be i o a drinking water sup	on the Managemen	rim Guideline Value (IC le, please complete th r as otherwise instruct			Average Concentration			W0139-01	
**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 a drinking water supply compare results to the Drinking Water Standards (DWS).	Guidance on the Management of Contaminated Land and Groundwater at EPA Licensed Sites (EPA 2013).	*please note exceedance of generic assessment criteria (GAC) such as a Groundwater Threshold Value (GTV) or an Interim Guideline Value (IGV) or an upward trend in results for a substance indicates that further interpretation of monitoring results is required. In addition to completing the above table, please complete the Groundwater Monitoring Guideline Template Report at the link provided and submit separately through ALDER as a licensee return or as otherwise instructed by the EPA.	SELECT	SELECT	unit				
Surface Water EQS	undwater at EP/				GTV's*			Year	
Groundwates regulations GTV's	A Licensed Sites	undwater moni			SELECT**			20	
Groundwater Drinking water regulations (private supply) GTV's standards	(EPA 2013).	Groundwater monitoring template	SELECT	SELECT	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data			2017	
Drinking water (public supply) standards				sampled damig 2017.	Upward trend in GW2 is the only yearly average downgradient groundwater concentration monitoring well. This of monitoring data sampled during 2017	_			
Interim Guideline							L		

			Date of sampling		Table 3: Soil recults	Groundwat
			location reference	Sample	il recuite	ter/Soil moni
			Parameter/ Substance			Groundwater/Soil monitoring template
Where additional			Methodology frequency			
l detail is required			Monitoring frequency			
Where additional detail is required please enter it here in 200 words or less			Maximum Concentration		LIC NO:	
200 words or less			Average Concentration		W0139-01	
	SELECT	SELECT	5.			
					Year	
					2017	

	5	1 2	12	11	10	9	œ	7	6	И	4	3 Amour	2		ı		_	Click
	Financial provision for Closure expiry date	rillancial Provision for Closure - type	Figure 1 or closure - amount of cover	Financial Provision for Closure Status	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		provision	Environmental Liabilities template Click here to access EPA guidance on Environmental Liabilities and Einancial
and a second	Enter expiry date	SELECT	Specify	SELECT	SELECT	SELECT	CELECT CAPITY date	Enter expiry date	SELECT	Specify	SELECT	Specify	SELECT	SELECT				Lic No:
												N/A	Not required	ELRA not required for the site		Commentary		W0139-01
							1							the site				Year
																		2017

Do you maintain an er 4 enviror	Does the EMS maintain 3	2 Does the EMS referen	1 Do you maintain an I			Environmental Ma
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
	N/A	N/A	No			
Documentation is available upon request. A notice is in place at			An EMS was maintained for the site while it was operational. This is no longer in place. However, monitoring events and site inspections are scheduled monthly. Bi-annual monitoring events are scheduled twice per year.	Additional Information	W0139-01	
					Year 2017	

S	3S 3S	lOlm	- 4	ω	2	
SELECT	SELECT	Environmental Management Programme (EMP) report Objective Category	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	addin
			tation/communication syster of the facility, as required by t	mental Management Programme (EMP) with the licence requirements	environmental aspects and a	
SELECT	SELECT	Status (% completed)		as required in accordance		
		How target was progressed	Yes	N/A	N/A	No
SELECT SELECT	SELECT	Responsibility	Documentation is available upor the site outlying details of ho			are scheduled
SELECT SELECT	SELECT	Intermediate outcomes	Documentation is available upon request. A notice is in place at the site outlying details of how to request documentaion.			are scheduled twice per year.

	*Please ensure that a					Date of monitoring	Table N1: Nois	Noise monitoring summary report 1 Was noise monitoring a licence requirement for the AER period? If yes please fill in table N1 noise summary below 2 Was noise monitoring carried out using the EPA Guidance note, including completion of the "Checklist for noise measurement report" included in the guidance note as table 6? 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 emissions (e.g. plant or operational changes survey?	
If noi:	tonal analysis has be					Time period	Table N1: Noise monitoring summary	Initoring a licent Initoring a licent In table N1 nc Initoring carried noise measuren have a noise reduction en changes rele	
se limits exceed	en carried out as per					Noise location (on site)	ımmary	Was noise monitoring a licence requirement for t If yes please fill in table N1 noise summary below Was noise monitoring carried out using the EPA G "Checklist for noise measurement report" include "Checklist for noise measurement report" include "Checklist for noise reduction plan When was the noise reduction plan last updated? Have there been changes relevant to site noise er	
ed as a result of i	*Please ensure that a tonal analysis has been carried out as per guidance note NG4. These records must be maintained onsite for future inspection					Noise sensitive location -NSL (if applicable)		Was noise monitoring a licence requirement for the AER period? If yes please fill in table N1 noise summary below 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 attribute	ese records must be					LA _{eq}		y report nd? e, including con lance note as to	
d to site acti	maintained onsit					LA ₉₀		npletion of t able 6?	
vities, pleas	e for future insp					LA ₁₀		:he	
e choose th	ection					LA _{max}		Lic No: Noise Guidance note NG4 ne last noise	
If noise limits exceeded as a result of noise attributed to site activities, please choose the corrective action fro					SELECT	Tonal or Impulsive noise* (Y/N)		NO SELECT SELECT Enter date SELECT	
from the following options?					SELECT	If tonal /impulsive noise was identified was 5dB penalty applied?		Year	
SELECT						Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)		2017	
				01111	SELECT	Is <u>site</u> compliant with noise limits (day/evening/night)?		7	

The requirement to carry out noise monitoring at the site was removed from the licence in 2011

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

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

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

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

	8	are beineilinge III
Council participates in SEAI Energy Map	Yes	Network (LIEN)
Carlow County		SEAI - Large
Additional information There is very little		table 3 below

Table R1 Energy usage on site	on site	_		
			Production +/- %	Energy
			compared to	Consumption +/- %
			previous reporting vs overall site	vs overall site
	Previous year	Current year	year**	production*
Total Energy Used (MWHrs)		0		bi odderion
Total Energy Generated (MWHrs)				
Total Benewahle Energy Concerts J /s				
The state of the s		0		
Electricity Consumption (MWHrs)	1.497	1.424		
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)	0	0		
Light Fuel Oil (m3)	0	0		
Natural gas (m3)	0	0		
Coal/Solid fuel (metric tonnes)	0	0		
Peat (metric tonnes)	0	0		
Renewable Biomass	0	0		
Renewable energy generated on site	0	0		
* where consumption of energy can be compared to overall site production please enter this information as percentage increase or de-	compared to overall sit	te production please ent	ter this information a	s percentage increase
** :: 5) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1		L. Canada bionac Cit	יכו נוויז ווויטו ווומנוטוו מ	s percentage increase

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

Table R2 Water usage on site tage increase or decrease compared to the previous reporting year.

					Andrei Ellissiolis	Water Consumption	
			Production +/- % Energy	Energy		Volume used i.e not discharged to	
Water use	Water extracted Water extracted	Water extracted	compared to previous reporting	+/- %		environment e.g. released as steam	
Groundwater		, , , , , , , , , , , , , , , , , , ,	year	broduction.	environment(m yr): m3/yr		Unaccounted for Water:
Surface water	, ,						
Sallace Marel	0	0					
Public supply	0						
Recycled water	0						
Total	0						
* where consumption of water can be compared to overall site production place on the state of	compared to overall site	production plans out					

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

(Tollies)	Non-Hazardous (Toppos)	Hazardous (Tonnes)			I dule to waste stream
0		0		Total	m summary
			Landtill		
			Incineration		
			Recycled		
			Other		

			_																	Nesourc
KWH per Litre of Total Water used on Site	KWH per Litre of Process Water	House Load (GWH)	Total Electricity Generated (GWH)	Total Running Time	Total Starts for year	Unit Date of Commission	Thermal Efficiency	Primary Fuel	Technology			Table R5: Power Generation: Where power is generated onsite (e.g. nower generation facilities (food and district)				Date of audit		lable N4: Energy	Table DA Casas	Resource Usage/Energy efficiency summary
Site										Unit ID	0	power is generated onsit				Recommendations		lable R4: Eriergy Audit finding recommendations		mmary
										Unit ID	c (c.8. bower Seliciation	e (e.g. nower generation				Measures proposed Origin of measures savings %	Description of	ations		
										Unit ID	i lacilities/rood and	n facilities /food and	SELECT	SELECT	SELECT	Origin of measures				
										Unit ID	drink industry)please					savings %	Predicted energy		LIC INO.	is No.
									oration Total	Station Total	complete the followin					Implementation date			W0139-01	
•	•										ginformation					te Responsibility				
															completion date	Completion data			Year	
															comments	Status and		/107	2017	

open at start of reporting year Total complaints open at start of reporting year Complaints received during reporting year Total complaints closed during reporting year reporting year complaints of complaints and com Total number of incidents current Table 2 Incidents summary Jan - Dec 2017 Date of occurrence *For information on how to report and what constitutes Have any incidents occurred on site in the current reporting year? Please list all incidents for current reporting year? Please list all incidents for current reporting 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 Complaints and Incidents summary template Table 1 Complaints summary SELECT Breach of ELV Incident nature an incident Category SELECT Off site gas wells, LG5, LG6, L 1. Minor Brief description of complaint (Free txt <20 words) cation of occurrence Incidents SELECT Incident category*please refer to guidance SELECT SELECT Corrective action< 20 words Other

Cause (please
Cause of incident specify)

Landfill Gas
Other (add details Migration SELECT Additional Information Resolution status SELECT Lic No: Additional information W0139-01 olution date Activity in progress at time of incident no activities, site closed Further SELECT Year SELECT 2017 Corrective action-2D action -2D words words words words continue to continue to continue to continue to continue to monitor Resolution status date olution

year
Total number of incidents previous year
% reduction/
Increase

66% reduction

Likelihood of reoccurence

SELECT

_

	Area ID Date landfilling commenced	Table 3 General information-Landfill only	Table 3 General information-Landfill only	Table 3 General information-Landfill only	l intake for	Only lintake for	S is all waste storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on site 5 Does your facility have relevant nuisance controls in place? 7 Do you have no dour management system in place for your facility? If no why? 8 Do you maintain a sludge register on site? SECTION D-TO BE COMPLETED BY LANDFILL SITES ONLY Table 2 Waste type and tonnage-landfill only Waste type and tonnage-landfill only Waste types permitted for disposal in disposal (tps) Authorised/licenced annual intake for reporting year (dps) Authorised/licenced annual intake for reporting year (dps) Table 3 General information-Landfill only Table 3 General information-Landfill only	4 Is all waste processing infrastructure as required by your licence and approved by the Agency in place? If no please list waste processing infrastructure required onsite 5 Is all waste storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on site 6 Does your facility have relevant nuisance controls in place? 7 Do you have an odour management system in place for your facility? If no why? 8 Do you maintain a sludge register on site? 8 ECTION D-TO BE COMPLETED BY LANDFILL SITES ONLY Table 2 Waste type and tonnage-landfill only Waste type and tonnage-landfill only Waste types permitted disposal (tpn) Authorised/licenced annual intake for reporting year (tpn) Actual intake for disposal in reporting year (nb) Comments Comments Comments Comments	4 Is all waste processing infrastructure as required by your licence and approved by the Agency in place? If no please list waste processing infrastructure as required by your licence and approved by the Agency in place? If no please list waste processing infrastructure required onsite 5 Is all waste storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste processing infrastructure required onsite No pow facility have relevant nuisance controls in place? SECTION D-TO BE COMPLETED BY LANDFILL SITES ONLY Table 2 Waste type and tonnage-landfill only Waste type permitted Authorised/licenced annual intake for reporting year (tps) reporting year (tps) Actual intake for disposal in reporting year (tps) PRODUCTION D-TO BE COMPLETED BY LANDFILL SITES ONLY Table 3 General information-Landfill only Table 3 General information-Landfill only	SECTION C-TO BE COMPLETED BY ALL WASTE FACILITIE 4 Is all waste processing infrastructure as required by your licence and appropriate to the processing infrastructure as required by your licence and appropriate to the process your facility have relevant nuisance controls in place? 7 Do you have an adour management system in place for your facility? If n 8 Do you maintain a sludge register on site? SECTION D-TO BE COMPLETED BY LANDFILL SITES ONLY Table 2 Waste type and tonnage-landfill only Waste types permitted Authorised/licenced annual intake for for disposal information-Landfill only Table 3 General information-Landfill only	SECTION C-TO BE COMPLETED BY ALL WASTE FACILITIE 4 Is all waste processing infrastructure as required by your licence and approx 5 Is all waste storage infrastructure as required by your licence and approx 6 Doss your facility have relevant nuisance controls in place? 7 Do you have an odour management system in place for your facility? If n 8 Do you maintain a sludge register on site? 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SECTION D-TO BE COMPLETED BY LANDFILL SITES ONLY Table 2 Waste type and tonnage-landfill only Waste types permitted for disposal (pp.) Authorised licenced annual intake for Action of the posal (pp.) Table 3 General information-Landfill only	SECTION D-TO BE COMPLETED BY ALL WASTE FACILITIE Is all waste storage infrastructure as required by your licence and approf European Waste Technologue EWC codes European Waste Catalogue EWC codes European Waste Catalogue EWC codes European Waste Catalogue EWC codes SECTION C-TO BE COMPLETED BY ALL WASTE FACILITIE Is all waste storage infrastructure as required by your licence and approf Does your facility have relevant rudsance controls in place? To you have an odour management system in place for your facility? If n Bo you maintain a sludge register on site? 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If yes please give a brief explanation in the additional information Table 1 Details of waste accepted onto your site that was generated outside the Republic of relatively, disposal or treatment (do not include wastes generate tomes, lamb try your site for recovery, disposal or treatment (do not include wastes generate site (bus your site for recovery, disposal or treatment (do not include wastes generate site (bus your site for recovery, disposal or treatment (do not include wastes generate site (bus your site for recovery, disposal or treatment (do not include wastes generate site (bus your site for recovery, disposal or treatment (do not include wastes generate site (bus your site for recovery, disposal or treatment (do not include wastes generate site (bus your site for recovery, disposal or treatment (do not include wastes generate site (bus your site for recovery, disposal or treatment (do not include wastes generate site (bus your site for recovery, disposal or treatment (do not include wastes generate site (bus your site for recovery, disposal or treatment (do not include wastes generate site (bus your site for recovery, disposal or treatment (do not include wastes generate site (bus your site for recovery, disposal or treatment (do not include wastes generate site (bus your site for recovery, disposal or treatment (do not include wastes generate site generates). 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If you phase give a brief explanation in the additional information. 1 be a preference your provided that was generated outside the fisposal or treatment (provided the provided that your learness accepted to the provided that your generated at your site for recovery, disposal or treatment (do not include wastes generated at your site in the current reporting year planation in the additional information. 1 be a provided to your generated at your site for recovery, disposal or treatment (do not include wastes generated at your site in the provided that your generated at your site for recovery, disposal or treatment (configuration). 2 be a provided to your generated at your site for recovery, disposal or treatment (configuration). 3 be a provided to your generated at your section of the provided that the provided that your generated at your section in the additional provided that your generated at your section in the section of the provided that your generated at your section in the section of the provided that your generated at your section in the section of the provided that your generated at your section in the section of the provided that your generated at your section in the section of the provided that your generated at your section of the provided that your generated at your section of the provided that yo	Were any wastes accepted onto your site for recovery or disposal or treatment prior to recovery or disposal within the boundar 1 to be captured through PRTR resporting) If yes please enter details in table a below 2 Did your site have any rejected consignments of waste in the current reporting year? If yes please give a brief explanation in the Table 1 Details of waste accepted onto your site that was generated outside the Republic of Ireland? If yes please give a brief explanation in the Understanding limit for your site that was generated outside the Republic of Ireland? If yes please state the Understanding limit for your site from your site that was generated outside the Republic of Ireland? If yes please state the Understanding limit for your site from recovery, disposal or treatment; Understanding limit for your site that was generated outside the Republic of Ireland? 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(wrose generated within the boundaries of your facility?) (wrose generated within the provider your facility?) (wrose generated within the boundaries of your facility?) (wrose generated within the provider your facility?) (wrose generated
	Date landfilling ceased Currently landfilling				Actual intake for disposal in capacity at end of reporting year (pa) reporting year (ma)	tual intake for disposal in reporting year (tps)	oved by the Agency in place? If no please list wastern why? Y No why? Remaining licens capacity at end reporting year (pa) reporting year (pa)	pproved by the Agency in place? If no please list wast oved by the Agency in place? If no please list wast no why? Y Remaining licens capacity at end reporting year (ipa) reporting year (ipa) reporting year (ipa)	pproved by the Agency in place? If no please list wast no why? Proved by the Agency in place? If no please list wast no why? Remaining licens capacity at end reporting year (np.) Remaining licens reporting year (np.)	pproved by the Agency in place? If no please list wast no why? Remaining licens reporting year (ip.) Remaining licens reporting year (ip.) Remaining licens reporting year (ip.)	pproved by the Agency in place? 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If yes please give a brief explanat lite for recovery, disposal or treatt Description of waste accepted Source of waste accepted Please enter an a and detailed described source of waste transfer stations, Composite to which applies to relevant EVC code and detailed described source of waste transfer stations, Composite to which applies to relevant EVC code and detailed described source of waste accepted Please enter an a and detailed described source of waste accepted Please enter an a second to relevant EVC code and the please list waste over the Agency in place? If no pl	treporting year? If yes please give a brief explanat arrated outside the Republic of Ireland? If yes please ite for recovery, disposal or treat. Source of waste accepted Source of waste accepted Please enter an a not detentiled say: - which applies to relevant EWC core European Nustle. Catalogue EWC core European Nustle. Catalogue EWC core European in place? If no please list waste oved by the Agency in place? 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If yes please which applies to relevant EWC codes which applies to relevant EWC codes where the please is two pproved by the Agency in place? If no please list waste reporting year (page 1972) Remaining licens reporting year (page 1972) Remaining licens reporting year (page 1972) Remaining licens reporting year (page 1972)	WPLETED BY ALL IPPC AND WASTE FACTORISTS (Waste traporting year? If yes please give a brief explanat reporting year? If yes please give a brief explanat ite for recovery, disposal or treat Description of waste accepted accepted Please enter an and detailed days - which applies to relevant EVC core (Catalogue EVC core (Catalo	WASTE TRANSFERS TAB-TO BE COMPONENT OF TO BE COMPONENT OF TRANSFERS TAB-TO BE COMPONENT OF TREASE SIVE a brief explanate rerated outside the Republic of Ireland? If yes please give a brief explanate rerated outside the Republic of Ireland? 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	Inert or non-hazardous Predices						WA NA		XCEPT LANDFILL SITE	XCEPT LANDFILL SITE	XCEPT LANDFILL SITE	XCEPT LANDFILL SITE	XCEPT LANDFILL SITE	XCEPT LANDFILL SITES	Quantity of waste accepted in previous reporting year (nonnes) pro provided in previous reporting year (nonnes) pro provided and provided in the provided in t	onal Information tes generated at your site, antity of waste accepted in previous reporting year (connes) pretty EXCEPT LANDFILL SITES a. N/A N/A N/A N/A N/A N/A N/A N/A	onal information les generated at your site, etc) generated at your site, reporting year (tonnes)	onal Information tes generated at your site, reporting year flormes) reporting year flormes) prett) EXCEPT LANDFILL SITES a. N/A N/A N/A N/A N/A N/A N/A N/A N/A N/	enerated within your boundaries is No. Refer generated at your site, Reporting year flormes) Petc) EXCEPT LANDFILL SITES Petro EXCEPT LANDFILL SITES I a NIA	enerated within your boundaries is National information les generated at your site, antity of waste accepted in previous reporting year (tonnes) predict EXCEPT LANDFILL SITES a ansite NAA NAA NAA NAA NAA NAA NAA NAA NAA N	enerated within your boundaries is tes generated at your site, antity of waste accepted in previous reporting year fonnes) Petc) EXCEPT LANDFILL SITES Tonsite In NA I	STE FACILITIES Pagemented within your boundaries is like a generated at your site, and was reporting war (tonnes) Page etc) EXCEPT LANDFILL SITES Page etc) Except Excep
	Predicted date to Licence permits cease landfilling asbestos		-											Mouse variety	Reduction/ Reason for Increase over reduction/ Increase over from previous reporting year A A A A A A A A A A A A A A A A A A A	A A A A A A A A A A A A A A A A A A A	No	No No No No No No No No No Residention/ Reason for Reason for reduction/ Increase over reduction/ Increase from previous year #/- Teporting year year for proving year year for previous year for proving year year year for proving year year year year year year year year	No	Additional Informa No No No No No No No No No N	Additional informa No	No Additional informa Additional informa Additional informa A a a a a a a a a a a a a a a a a a a
	Is there a separate cell Accepted asbestos in reporting for asbestos?														Packaging Content (5) - Disposal/Recovery or treatment only applies if the waste operation arried out at your has a packaging component of this operation	Peckaging Content (%) Disposal/Reco only applied if the waste operation ca backaging stream on the component operation can component op	reported in your PRTR workt Packaging Content (%) Disposal/Reco only appliest the wate operation ca the component operation ca operation ca the component operation ca operati	Peckaging Content (%) Disposal/Reco only applies if the waste operation ea base packaging site and the component op	Peckaging Content (%) Disposal/Reco s only applies if the waste operation ea component op	Packaging Content (%)- Disposal/Reco ponty applies if the waste peration can component op the component op t	dropdown list click to see options reported in your PRTR workbook) Packaging Content (%) Packaging Liber waste operation carried out has a packaging component site and the description operation carried out operation operati	dropdown list click to see Peebaling Content (%) Disposal/Reco only applies if the waste operation ea has packaging stre and the component op
SELECT UNIT SELE	Total disposal area occupied by waste													9 €	at your of this	at your of this	at your on of this	n of this	n of this	at your or this	n of this	201 at your on of this
SELECT UNIT SELECT UNIT	Lined disposal area occupied by Unlined area Comments on liner type														Comments							

Table / Environmental				Lic No:	Windon or	
Was meterological	Landfill Manual-Monitoring Standards	ndards				Year
monitoring in compliance with Landfill Directive (LD)		Was SW monitored in			Has the statement	T
standard in reporting Was leachate monitored in compliance with LD standard in reporting year	Was Landfill Gas monitored in compliance with LD compliance with LD standard in standard in reporting reporting year year	compliance with LD standard in reporting year	Have GW trigger levels been established	Were emission limit values agreed with the Agency (ELVs)	ج ح	of
.+ please refer to Landfill Manual linked above for relevant Landfill Directive monitoring standards Table 5 Capping-Landfill only	dfill Directive monitoring standards				. Post mg Jean	Comments
Area uncapped* Area with temporary cap			Area with waste that			
SELECT UNIT SELECT UNIT	Area with final cap to LD Standard m2 ha, a	Area capped other	capped to date under			
*please note this includes daily cover area				Triac inaterials are used in the cap	Comments	
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	lant? achate mass load information below				SELECT	
Volume of leachate in reporting year(m3) Leachate (BOD) mass load (kg/annum)	Leachate (COD) mass load (kg/annum)	Leachate (NH4) mass load (kg/annum)	Leachate (Chloride) mass load kg/annum	Leachate treatment on-site	Specify type of leachafe treatment Comments	
2					Comments	
Please ensure that all information Table 7 Landfill Gas-Landfill only	Please ensure that all information reported in the landfill gas section is consistent with the Landfill Gas Survey submitted in conjunction with PRTR returns and fill only	onsistent with the Landfil	Gas Survey submitted in o	onjunction with PRTR returns		L
		Was surface emissions				
Gas Captured&Treated by LFG System m3 Power generated (MW / KWh)	Used on-site or to national grid	monitoring performed during the reporting year?	Comments			



| PRTR# : W0139 | Facility Name | Haroldsrown Transfer Station | Filename : w0139_2017 xts | Return Year | 2017 |

Guidance to completing the PRTR workbook **PRTR Returns Workbook**

1. FACILITY IDENTIFICATION

Parent Company Name | Carlow County Council
Facility Name | Haroldstown Transfer Station
PRTR Identification Number | W0139Licence Number | W0138-01 REFERENCE YEAR 2017 Classes of Activity

No. class_name

Refer to PRTR class activities below

Country Ireland
Coordinates of Location 4.5.6546 52.3462

River Basin District IESE

River Basin District IESE

River Basin District IESE

AER Returns Contact Name Mary Walsh

AER Returns Contact Name Mary Walsh

AER Returns Contact Position Acting Executive Scientist

AER Returns Contact Thome Number Ossp172402

AER Returns Contact Tax Number AER Returns Contact To Stiton Volume Production Volume Units

Number of Installations

Number of Installations

Number of Employees

User Feedback/Comments Haroldstown Waste Transfer Station is closed since 3/1/12/2009, Waste is no longer accepted at the site. One line was entered in the Treatment and Irransfer of Waste section in order to upload the file. Web Address Address 1 Haroldstown
Address 2 Tullow
Address 3
Address 4

Activity Number	Activity Name
50.1	General
50.1	General
3. SOLVENTS REGULATIONS (S.I. No. 543 of 2002))2)
Is it applicable? No	No
Have you been granted an exemption 2 No.	No
If applicable which activity class applies (as per	
Schedule 2 of the regulations) ?	
Is the reduction scheme compliance route being	
used?	
4. WASTE IMPORTED/ACCEPTED ONTO SITE	Guidance on waste importable country
Do you import/accept waste onto your site for on-	Site market in police unaccepted of the Site
site treatment (either recovery or disposal	

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

09/05/2018 12 19

Link to previous years emissions data | PRTR# W0139 | Facility Nama Haroldstown fransfer Staten | Filenamie -w0139 -2017 ds | Return Year -2017 |

POLLUTANT RELEASES TO AIR Pollutant P	POLLUTANT RELEASES TO AIR METHOD Method Used Name Mame MICIE Method Code Description	0.0 0.0	0.0		* Select a row by double-clicking on the Pollutant Name (Column B) then click the dolete button	* Select a row by double-cilc
POLLUTANT RELEASES IO AIR POLLUTANT METHOD Method Code Method Used Name MOGE Method Code Description	POLLUTANT RELEASES TO AIR METHOD Method Used Dasgnation of Description	C (Accidental) NG/Year F (Fligitive) KG/Year		١		
POLLUTANT RELEASES IO AIR METHOD Method sed	POLLUTANT RELEASES TO AIR METHOD Method Used Method Used	A (Accidental VOOV	T (Total) KG/Year		MICIE Method Code	
RELEASES 10 AIR METHOD	RELEASES TO AIR METHOD	8073				No. Annex II
METHOD METHOD	RELEASES TO AIR	OHANTITY			menioo	
RELEASES TO AIR	RELEASES TO AIR		ities in this section in KGs	r lease enter all quant		POLLUIANI
				Discourse		POLITICA

Total estimated methane generation (as per site model) with an ended of the state o

Please enter summary data on the quantities of methane flared and / or utilised

Haroldstown Transfer Station

T (Total) kg/Year

M/C/E

Method Code

Method Used

Designation or

Description

Facility Total Capacity m3 per hour N/A

0.0 (Total Flaring Capacity)
0.0 (Total Utilising Capacity)

Po	POLLUTANT RELEASES TO AIR		Please enter all quantities in this section in VO.
No Appey II		Method Used	QUANTITY
	Name	M/C/E Method Code Designation or Description	Emission Point 1 T (Total) KG/Year
	* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button	nn B) then click the delete button	0.0 0.0 0.0 0.0 0.0 0.0
SECTION B: REMAINING PRTR POLLUTANTS	TS.		
PO	RELEASES TO AIR		Please enter all quantities in this section in the
	THE COMM	METHOD	Olivina
No. Annex II	Name	M/C/E Method Code Designation or Description	Emission Point 1 T (Total) KG/Vear A (Academic No.)
SECTION G: REMAINING POLLUTANT EMISSIONS (As required in your Licence)	* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button	nn B) then click the delete button	0.0
00	Sions a row by double-clicking on the Pollutant Name (Colur SIONS (As required in your Licence) RHEASHS TO AIR	nn B) then click the delete button	0.0
	Solect a row by double-clicking on the Pollutant Name (ColumINSSIONS (As required in your Licence) RELEASES TO AIR POLLUTANT		section in KGs
Pollutant No.	Soled a row by double-clicking on the Pollutant Name (Colum SIONS (As required in your Licence) RELEASES TO AIR Name	m B) then click the delete button METHOD	n this section in KGs
	Solect a row by double-clicking on the Pollutant Name (Column B) then click the delete button SIONS (As required in your Licence) RELEASISTO AIR HILLUTANT Name MICIE Method Co	METH de Met	section in KGs a) KG/Year 0.0
Pollutant No.	Soled a row by double-clicking on the Pollutant Name (Colum SIDNS (As required in your Licence) RELECTANT RELECTANT Name Soled a row by double-clicking on the Pollutant Name (Colum Operators)	METH Med de	a) KGYear 0.0
Politiant No. Politiant No. Salect a row by double-clicking on the Politiant Name (California) Additional Data Requested from Landfill operators For the purposes of the National Inventory on Greenburn Oasse, Lindfill operators are requested to provide from the purposes of the National Inventory on Greenburn Oasse, Lindfill operators are requested to provide from the purposes of the National Inventory and on their tacilities to accompany the figures for total methans generated. Operators their do they report their heir methans (CHz) emission to the environment under Trional Y-Coy Tor Section A: Sector specific PRIT pollutant above. Peases complete the table below:	Selection C: REMAINING POLLUTANT EMISSIONS (As required in your Licence) RELEASES TO AIR POLLUTANT EMISSIONS (As required in your Licence) RELEASES TO AIR POLLUTANT REMEASES TO AIR POLLUTANT Pollutant No. Soled a row by double-clicking on the Pollutant Name (Colum Additional Data Requested from Landfill operators For the purposes of the National Inventory on Orsenhouse Gases, Landfill operators are requested to provide for the purposes of the National Inventory on Orsenhouse Gases, Landfill operators are requested to provide for the purposes of the National Inventory on Orsenhouse Gases, Landfill operators are requested to provide for the purposes of the National Inventory on Orsenhouse Gases, Landfill operators are requested to provide for the purposes of the National Inventory on Orsenhouse Gases, Parase completed the stable below:	METH Met	section in KGs a) KG/Year 0.0

No. Annex II

Name

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

Link to previous years emissions data

T (Total) KG/Year

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

09/05/2018 12:20

SECTION A: PRTR POLLUTANTS OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER
POLLUTANT
METHOD Method Used
| Designation or Description | Emission Point 1 | PRTR#: W0139 | Facility Name | Haroldstown Transfer Station | Filename | w0139_2017 xls | Retu Please enter all quantities in this section in KGs QUANTITY

Method Code

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

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER

POLLUTANT

METHOD Pollutant No * Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button Method Code Melhod Used

Designation or Description | Emission Point 1 Please enter all quantities in this section in KGs 0.0 T (Total) KG/Year 0.0 A (Accidental) KG/Year F (Fugitive) KG/Year 0.0 QUANTITY

SECTION A: PRTR POLLUTANTS POLLUTANT RELEASES TO LAND | PRTR#: W0139| Facility Name : Haroldstown Transfer Station | Filename - w0139_2017.xls | Return Year - 2017 | Please enter all quantities in this section in KGs

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button	Pollutant No. Name	POLLUTANT POLLUTANT	*Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button SECTION B: REMAINING POLLUTANT EMISSIONS for constant is	No. Annex II Name
o o	d Used esignation or	МЕТНОД	umn B) then click the delete button	M/C/E Method Code Designation or Description
0.0 0.0 0.0 0.0	Description Emission Doint 4	Please enter all quantities in this section in KGs	0.0 0.0 (Novinellal) NOTES	Emission Point 1 T (Total) KG/Year

vitriin the Country 20 03 01	Transfer Destination	5. ONSITE TREAT
20 03 01	European Waste	5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE Please e
No	Quantity (Tonnes per Year)	NSFERS OF WASTE
0.0 mixed municipal waste	ily per per Description of Waste	WASTE PRITR# W0139 Facility Name Harolustown Transfer Station Filename w0139_2017 vis Return Year 2017 Please enter all quantities on this sheet in Tonnes
D15 M	Waste Treatment Operation MA	sfer Station (Filename
Weighed	Waste Treatment Operation M/C/E Method Used	w0139_2017 x/s Return Yea
Offsite in Ireland	Location of Treatment	2017
Powerstown Landfill,W0025- Powerstown,,Carlow,,Irelan d	Haz Waste: Name and Licentes Pennit No of Next Destination Facility Control Facility Recover/Disposer Recover/Disposer	
Powerstown,,,Carlow,,,Irelan	Haz Waste . Address of Next Destination Facility Non Haz Waste . Address of Recover/Disposer	
	Name and License / Permit No and Address of Final Recovery / Disposer (HAZARDOUS WASTE ONLY) Name and License / Permit No and Address of Final Destination in Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)	
	Address of Final Recovery Disposer (HAZARDOUS WASTE ONLY) Address of Final Recovery Disposed Site (HAZARDOUS WASTE ONLY)	

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

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