Facility Information Sumn	narv					
AER Reporting Year	2016					
Licence Register Number	W0254-01					
Name of site	Wals	hestown Resotration Ltd				
Site Location	Walsh	nestown, Naas, Co Kildare				
NACE Code		3821				
Class/Classes of Activity	Treatment and	disposal of non-hazardous waste				
National Grid Reference (6E, 6 N)	53.1850	00 (north) -6.60491 (west)				
	No waste was accepte	No waste was accepted at the Site during 2016. Construction of first waste Cell 1A1 was completed in				
	December 2016. Wast	December 2016. Waste acceptance at the Site commenced in January 2017.				
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.						

## **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.

	30-Jun-17
Signature Group/Facility manager	Date
(or nominated, suitably qualified and experienced deputy)	

AIR-summary template	Lic No:	W0254-01	Year	2016	
Answer all questions and complete all tables where relevant					
			Additional information		
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 <u>do not</u> need to complete the tables					

	Periodic/Non-Continuous Monitoring		
2	Are there any results in breach of licence requirements? If yes please provide brief details in the comment section TableA1 below	of No	
3	Basic air           Was all monitoring carried out in accordance with EPA guidance         monitoring           note AG2 and using the basic air monitoring checklist?         checklist         AGN2	No	

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

Emission reference no:	Parameter/ Substance	Frequency of	ELV in licence or any revision therof	Licence Compliance criteria		Compliant with licence limit	Method of analysis	Annual mass	Comments - reason for change in % mass load from previous year if applicable
	SELECT			SELECT	SELECT	SELECT	SELECT		
	SELECT			SELECT	SELECT	SELECT	SELECT		
	SELECT SELECT			SELECT SELECT			SELECT SELECT		

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

	AIR-summary template	Lic No:	W0254-01	Year	2016
	Continuous Monitoring				
4	Does your site carry out continuous air emissions monitoring?	No			
	If yes please review your continuous monitoring data and report the required fields below in Table A2 and compare it to its relevant Emission Limit Value (ELV)				
5	Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below	No			
6	Do you have a proactive service agreement for each piece of continuous monitoring equipment?	No			
7	Did your site experience any abatement system bypasses? If yes please detail them in table A3 below	No			
	Table A2: Summary of average emissions -continuous monitoring				

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

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

## Table A3: Abatement system bypass reporting table Bypass protocol

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

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

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

	AIR-summary	template				Lic No:	W0254-01		Year	2016	
	Solvent	use and manageme	nt on site								
8	8 Do you have a total Emission Limit Value of direct and fugitive emissions on site? if yes please fill out tables A4 and A5 No										
		ent Management Pla ssion limit value	in Summary	<u>Solvent</u> regulations	Please refer to linked solver complete table 5						
	Reporting year         Total solvent input on site (kg)         Total VOC emission: to Air from entire site (direct and fugitive)		emissions as %of solvent input	Total Emission Limit Value (ELV) in licence or any revision therof	Compliance						
						SELECT					
						SELECT					
Ļ	Table A5:	Solvent Mass Balan	ce summary							-	
		(I) Inputs (kg)			(0)	Outputs (kg)					
	Solvent	(I) Inputs (kg)		Solvents lost in water (kg)	Collected waste solvent (kg)	Fugitive Organic Solvent (kg)	Solvent released in other ways e.g. by-	Solvents destroyed onsite through	Total emission of Solvent to air (kg)		
_										-	
-										-	
L										-	
								Total			

### AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)

### Year

2016

Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table W2 and W3 below for the current reporting year and answer further questions. If you do not have licenced emissions you <u>only</u> need to complete table 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 2 discharges or watercourses on or near your site? If yes please complete table W2 below

summarising only any evidence of contamination noted during visual inspections

## Table W1 Storm water monitoring

Location reference	Location relative to site activities	PRTR Parameter	Licenced Parameter	Monitoring date	ELV or trigger level in licence or any revision thereof*	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Comments
SW1	onsite	SELECT	Suspended Solids			N/A		SELECT	SELECT	No storm water discharges during 2016
	SELECT	SELECT	SELECT			SELECT		SELECT	SELECT	

No

No

Lic No:

W0254-01

Additional information

\*trigger values may be agreed by the Agency outside of licence conditions

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

Location Reference	Date of inspection	Description of contamination	Source of contamination	Corrective action	Comments
			SELECT		No contamination observed
			SELECT		

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

3	Was there any result in breach of licence requirements? If yes comment section of Table W3 b		ef details in the	SELECT	Additional information
4		Lab Quality	Assessment of results checklist	SELECT	

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

Emission reference no:	Emission released to	Parameter/ SubstanceNote 1	Type of sample	Frequency of monitoring	Averaging period	ELV or trigger values in licence or any revision therof <sup>Note 2</sup>	Licence Compliance criteria	Measured value		Compliant with licence		Procedural	Procedural reference standard number	Annual mass load (kg)	Comments
	SELECT	SELECT	SELECT		SELECT		SELECT		SELECT	SELECT	SELECT	SELECT			

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

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

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)	Lic No:	W0254-01	Year
---	---------	----------	------

SELECT

Continuous	monitoring

Additional Information

If yes please summarise your continuous monitoring data below in Table W4 and compare it to

 $_{\rm 5}$  Does your site carry out continuous emissions to water/sewer monitoring?

#### its relevant Emission Limit Value (ELV)

6 Did continuous monitoring equipment experience downtime? If yes please record downtime in table W4 below

Po you have a proactive service contract for each piece of continuous monitoring equipment on 7 site?

 $^{8}_{8}$  Did abatement system bypass occur during the reporting year? If yes please complete table WS below

## Table W4: Summary of average emissions -continuous monitoring

SELECT	
SELECT	
JELECI	
SELECT	

ELV or trigger % change +/- from Number of ELV values in licence o previous reporting Monitoring Emission Emission any revision Compliance Units of Annual Emission for current Equipment exceedences in veraging vear reference n eleased to neter/ Substand hereof eriod riteria easuremen reporting year (kg) wntime (ho eporting year Comments SELECT SELECT SELECT SELECT SELECT SELECT SELECT SELECT SELECT SELECT

2016

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

#### Table W5: Abatement system bypass reporting table

Date	Duration (hours)	 	 	Was a report submitted to the	When was this report submitted?
				EPA?	
				SELECT	

\*Measures taken or proposed to reduce or limit bypass frequency

Bund/Pipeline testing template	Lic No:	W0254-01		Year	2016		
Bund testing dropdown menu click to see options		t	Additional information	-			
Are you required by your licence to undertake integrity testing on bunds and containment structures ? if yes please fill out tab containment structures on site, in addition to all bunds which failed the integrity test-all bunding structures which failed inclu the table below, <u>please include all bunds outside the licenced testing period</u> (mobile bunds and chemstore included)		Yes	No testing was carried out during 2016				
2 Please provide integrity testing frequency period		3 years					
Does the site maintain a register of bunds, underground pipelines (including stormwater and foul), Tanks, sumps and containe 3 type units and mobile bunds)	rs? (containers refers to "Chemstore"	Yes					
4 How many bunds are on site? 5 How many of these bunds have been tested within the required test schedule?		1		_			
6 How many mobile bunds are on site?		0		-			
<ul><li>7 Are the mobile bunds included in the bund test schedule?</li><li>8 How many of these mobile bunds have been tested within the required test schedule?</li></ul>		SELECT 0		_			
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?		0		_			
Please list any sump integrity failures in table B1		0		_			
11 Do all sumps and chambers have high level liquid alarms? 12 If yes to Q11 are these failsafe systems included in a maintenance and testing programme?		N/A SELECT		-			
13 Is the Fire Water Retention Pond included in your integrity test programme?		N/A		1			
Table B1: Summary details of bund /containment structure integrity test							

															1
												i l			Results of
										Integrity reports		i l			retest(if in
	Bund/Containment									maintained on		Integrity test failure		Scheduled date	current
	structure ID	Туре	Specify Other type	Product containment	Actual capacity	Capacity required*	Type of integrity test	Other test type	Test date	site?	Results of test	explanation <50 words	Corrective action taken	for retest	reporting year)
		SELECT					SELECT			SELECT	SELECT	1	SELECT		
		SELECT					SELECT			SELECT	SELECT	1	SELECT		
		ly with 25% or 110% containment						Commentary							
			ice with licence requirements and												
15	line with BS8007/EPA Gu	uidance?			bunding and storage guideli	nes	SELECT								
16	16 Are channels/transfer systems to remote containment systems tested?						SELECT								
17	Are channels/transfer sy	ystems compliant in both	integrity and available volume?				SELECT								

Pipeline/underground structure testing

Are you required by your licence to undertake integrity testing* on underground structures e.g. pipelines or sumps etc ? if yes please fill out table 2 below listing all 1 underground structures and pipelines on site which failed the integrity test and all which have not been tested withing the integrity test period as specified	Yes	No testing was carried out during 2016
2 Please provide integrity testing frequency period	3 years	

\*please note integrity testing means water tightness testing for process and foul pipelines (as required under your licence) Table B2: Summary details of pipeline/underground structures integrity test

Table	B2: Summary details of pi	ipeline/underground structures in	tegrity test						
Structure ID	Type system		Does this structure have Secondary containment?	Type of secondary containment		Integrity reports maintained on site?	Results of test		Results of retest(if in current reporting year)
	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT

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

Year

		Comments	
Are you required to carry out groundwater monitoring as part of your licence requirements?	yes		Please provide an interpretation of groundwater monitoring data in the
2 Are you required to carry out soil monitoring as part of your licence requirements?	no		interpretation box below or if you require additional space please
Do you extract groundwater for use on site? If yes please specify use in comment		GW used to top up	include a groundwater/contaminated land monitoring results
<sup>3</sup> section	yes	wheelwash tank	interpretaion as an additional section in this AER
Do monitoring results show that groundwater generic assessment criteria such as GTVs or IGVs are exceeded or is 4 there an upward trend in results for a substance? If yes, please complete the Groundwater Monitoring Guideline Template Report (link in cell G8) and submit separately through ALDER as a licensee return AND answer questions 5-12 below. <u>template</u>	no		
5 Is the contamination related to operations at the facility (either current and/or historic)	N/A		
6 Have actions been taken to address contamination issues? If yes please summarise			
remediation strategies proposed/undertaken for the site	N/A		
7 Please specify the proposed time frame for the remediation strategy	N/A		
8 Is there a licence condition to carry out/update ELRA for the site?	yes	Agreed Q4/2016	
9 Has any type of risk assesment been carried out for the site?	yes	Lansdsim hydro model	Groundwater monitoring carried out during Q4 of 2016 indicated
10 Has a Conceptual Site Model been developed for the site?	yes		elevated pH, coliforms, total ammonia and total phosphorus at some of
11 Have potential receptors been identified on and off site?	yes		the groundwater monitoring locations. No other parametres were
12 Is there evidence that contamination is migrating offsite?	no		observed elavated.

## Table 1: Upgradient Groundwater monitoring results

Date of sampling	Sample location reference	Parameter/ Substance	Monitoring frequency	Maximum Concentration++	Average Concentration+	unit	GTV's*	Upward trend in pollutant concentration over last 5 years of monitoring data
						SELECT SELECT		data not available SELECT

.+ where average indicates arithmetic mean

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

## Table 2: Downgradient Groundwater monitoring results

Date of sampling	Sample location reference	Parameter/ Substance	Monitoring frequency	Maximum Concentration	Average Concentration	unit	GTV's*	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
						SELECT SELECT		data not available SELECT

W0254-01	Year	2016	
V) or an Interim Guideline Value (IGV) or an upward	ł		
addition to completing the above table, please	G	roundwater monitoring template	

complete the Groundwater Monitoring Guideline Template Report at the link provide otherwise instructed by t						
More information on the use of soil and groundwater standards/ generic assessment criteria (GAC) and risk assessment tools is available in the EPA published guidance (see the link in G31)	Guidance on the Management of Contaminated Land and Gr	bundwater a	at EPA Licensed S	<u>iites (EPA 2013).</u>		
**Depending on location of the site and proximity to other sensitive receptors alternativ to the GTV e.g. if the site is close to surface water compare to Surface Water Environme supply compare results to the Drinking V	ntal Quality Standards (SWEQS), If the site is close to a drinking water	<u>Surface</u> water EQS	regulations	Drinking water (private supply) standards	<u>Drinking water (public</u> supply) standards	<u>Interim Guideline</u> Values (IGV)

Lic No:

Groundwater/Soil monitoring template

\*please note exceedance of generic assessment criteria (GAC) such as a Groundwater Threshold Value (GTV) or an Inf

Groundwater	/Soil monitoring	template
-------------	------------------	----------

Lic No: W0254-01

2016

Year

Table 3: Soil results

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

Waste acceptance only commenced early 2017 at the Site. Any compliance reports in relation to groundwater will be submitted to the Agency during 2017.

# Environmental Liabilities template

Click here to access EPA guidance on Environmental Liabilities and Financial

provision

			Commentary
1	ELRA initial agreement status		
		Submitted and agreed by EPA	Q4 of 2016
2	ELRA review status	Review required and completed	ELRA was agreed in Q4 of 2016
3	Amount of Financial Provision cover required as determined by the latest ELRA	€205,695.00	
4	Financial Provision for ELRA status	Submitted and agreed by EPA	
5	Financial Provision for ELRA - amount of cover	€205,695.00	
		Environmental Impairment Liability	
6	Financial Provision for ELRA - type	insurance	
7	Financial provision for ELRA expiry date	17/11/2017	
		Closure plan submitted and agreed by	
8	Closure plan initial agreement status	EPA	
9	Closure plan review status	Review required and completed	Agreed in Q4 of 2016
10	Financial Provision for Closure status	Submitted and agreed by EPA	
11	Financial Provision for Closure - amount of cover	€228,045.00	
12	Financial Provision for Closure - type	bank guaranee	
13	Financial provision for Closure expiry date	17/11/2017	

Lic No:

W0254-01

2016

Year

	Environmental Management Programme/Continuous Improvement Programme	template	Lic No:	W0254-01	Year	2016
	Highlighted cells contain dropdown menu click to view		Additional Information			
1	Do you maintain an Environmental Mangement System (EMS) for the site. If yes, please detail in additional information	Yes	EMS is kept in t	the in the SIte Managers office		
2	Does the EMS reference the most significant environmental aspects and associated impacts on-site	Yes				
	Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance					
3	with the licence requirements	Yes				
4	Do you maintain an environmental documentation/communication system to inform the public on environmental performance of the facility, as required by the licence	Yes				

Environmental Management Programme (EMP) report							
Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes		
	Construct a CCL at the base		Cell 1A1 was constructed by		Increased compliance with		
Groundwater protection	of each waste cell	10	December 2016	Section Head	licence conditions		
	Carry out an Energy				Improved Environmental		
Energy Efficiency/Utility conservation	Efficiency Audit during 2017	0		Section Head	Management Practices		
SELECT		SELECT		SELECT	SELECT		

Noise monitoring summary report	Lic No:	W0254-01	Year	2016
1 Was noise monitoring a licence requirement for the AER period?		Yes		
If yes please fill in table N1 noise summary below				
	Noise			
2 Was noise monitoring carried out using the EPA Guidance note, including completion of the	<u>Guidance</u>	Yes		
"Checklist for noise measurement report" included in the guidance note as table 6?	<u>note NG4</u>			
3 Does your site have a noise reduction plan		No		
4 When was the noise reduction plan last updated?		Enter date		
5 Have there been changes relevant to site noise emissions (e.g. plant or operational changes) since survey?	e the last noise	No		
Table N1: Noise monitoring summary				

Date of monitoring		Noise location (on site)	Noise sensitive location -NSL (if applicable)	LA <sub>eq</sub>	LA <sub>90</sub>	LA <sub>10</sub>	LA <sub>max</sub>	Tonal or Impulsive	If tonal /impulsive noise was identified was 5dB penalty	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is <u>site</u> compliant with noise limits (day/evening/night)?
19/09/2016	Day	N1		53	57	41	75	Yes	No	Construction Stage	Yes
19/09/2016	Day	N1		55	59	47	72	Yes	No	Construction Stage	Yes
19/09/2016	Day	N1		55	59	42	74	Yes	No	Construction Stage	Yes
19/09/2016	Day	N2		57	60	46	71	Yes	No	Construction Stage	Yes
19/09/2016	Day	N2		61	65	51	79	Yes	No	Construction Stage	Yes
19/09/2016	Day	N2		52	55	42	71	Yes	No	Construction Stage	Yes
19/09/2016	Day	N3		53	56	45	71	Yes	No	Construction Stage	Yes
19/09/2016	Day	N3		50	53	42	70	Yes	No	Construction Stage	Yes
19/09/2016	Day	N3		52	55	47	64	Yes	No	Construction Stage	Yes

\*Please ensure that a tonal analysis has been carried out as per guidance note NG4. These records must be maintained onsite for future inspection

	SELECT
ions?	

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)

Resource Usage/Energy efficiency summary	Lic No:	W0254-01	Year	2016

		Additional information
		No Audit carried out
able 3 below	Enter date of audit	in 2016
<u>SEAI - Large</u> ndustry Energy		
Network (LIEN)	SELECT	

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

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

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

Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in 3 additional information SELECT

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

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

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

Table R2 Water usage	e on site				Water Emissions	Water Consumption	
			Production +/- %	Energy		Volume used i.e not discharged to	
			compared to	consumption if it		environment e.g.	
	Water extracted	Water extracted	previous reporting	vs overall site	back to	released as steam	
Water use	Previous year m3/yr.	Current year m3/yr.	year**	production*	environment(m <sup>3</sup> yr):	m3/yr	Unaccounted for Water:
Groundwater							
Surface water							
Public supply							
Recycled water							
Total							

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

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

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

Resource	Resource Usage/Energy efficiency summary				Lic No:	W0254-01		Year	2016
	Table R4: Energy Audit finding recommendations								
	Date of audit		Description of Measures proposed	Origin of measures	Predicted energy savings %	Implementation date	Responsibility		Status and comments
				SELECT			. ,		
				SELECT					
				SELECT					

Table R5: Power Generation: Where power is generated onsite (e.g. power generation facilities/food and drink industry) please complete the following information

	Unit ID	Unit ID	Unit ID	Unit ID	Station Total
Technology					
Primary Fuel					
Thermal Efficiency					
Unit Date of Commission					
Total Starts for year					
Total Running Time					
Total Electricity Generated (GWH)					
House Load (GWH)					
KWH per Litre of Process Water					
KWH per Litre of Total Water used on	Site				

Complaints and Incidents summary template		Lic No:	W0254-01	Year	2016	
Complaints						
		Additional inform	ation			
Have you received any environmental complaints in the current reporting year? If yes please complete summary details of complaints received on site in table 1 below	Yes		]			

Table 1	L Complaints summary		1				
Date	Category	Other type (please specify)	Brief description of complaint (Free txt <20 words)	Corrective action< 20 words	Resolution status		Further information
11/08/2016	Noise	Traffic noise	noise caused by traffic	Noise monitoring plan was submitted	Complete	05/09/2016	
11/08/2016	Dust	dirt on road	dirt on road	Wheelwash details submitted	Complete	05/09/2016	
17/10/2016	Dust	dirt on road	dirt on road	Increased road sweeping	Complete	17/10/2016	
26/10/2016	Waste	tipping afterhours	Site Maintenance	Not a waste activity	Complete	26/10/2016	
10/12/2016	Waste	tiping afterhours	Site Maintenance	Not a waste activity	Complete	10/12/2016	
Total complaints open at start of reporting year	0						
Total new complaints received during							
reporting year	5						
Total complaints closed during							
reporting year	5	-					
Balance of complaints end of							
reporting year	0						

	Incidents			
				Additional information
Have any incidents occurred on site in the current repor				
year in Tab	No			
*For information on how to report and what				

*For information on how to report and what	
constitutes an incident	What is an incident

Table 2 Incidents sur	nmary		]											
						Other	Activity in				Preventative			
			Incident category*please			cause(please	progress at time			Corrective action<20	action <20		Resolution	Likelihood of
Date of occurrence	Incident nature	Location of occurrence	refer to guidance	Receptor	Cause of incident	specify)	of incident	Communication	Occurrence	words	words	Resolution status	date	reoccurence
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
Total number of														
incidents current														
year														
Total number of														
incidents previous														
year														
% reduction/														
increase														

WASTE SUMMARY	Lic No:	W0254-01	Year	2016
SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED B	Y ALL IPPC AND WASTE FACILITIES	PRTR facility logon	dropdown lis	t click to see options

SECTION B- WASTE ACCEPTED ONTO SITE-TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES		
Were any wastes <u>accepted onto</u> your site for recovery or disposal or treatment prior to recovery or disposal within the boundaries of your facility ?; (waste generated within your boundaries is 1 to be captured through PRTR reporting) If yes please enter details in table 1 below	Ado	ditional Information
2 Did your site have any rejected consignments of waste in the current reporting year? If yes please give a brief explanation in the additional information	N/A	
3 Was waste accepted onto your site that was generated outside the Republic of Ireland? If yes please state the quantity in tonnes in additional information	N/A	

### Table 1 Details of waste accepted onto your site for recovery, disposal or treatment (do not include wastes generated at your site, as these will have been reported in your PRTR workbook)

	· · · · ·	<i>//</i> 1				,					
Licenced annual	EWC code	Source of waste accepted	Description of waste	Quantity of waste	Quantity of waste accepted in	Reduction/	Reason for	Packaging Content (%)-	Disposal/Recovery or	Quantity of	Comments -
tonnage limit for your			accepted	accepted in current	previous reporting year (tonnes)	Increase over	reduction/ increase	only applies if the	treatment operation carried out	waste	
site (total			Please enter an	reporting year (tonnes)		previous year +/ -	from previous	waste has a packaging	at your site and the description	remaining on	
tonnes/annum)			accurate and detailed			%	reporting year	component	of this operation	site at the end	
			description - which							of reporting	
			applies to relevant EWC							year (tonnes)	
			code								
	European Waste Catalogue EWC codes		European Waste								
			Catalogue EWC codes								

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

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?

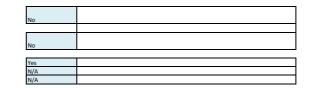
8 Do you maintain a sludge register on site?

#### ECTION D-TO BE COMPLETED BY LANDFILL SITES ONLY

Table 2 Waste type and tonnage-landfill only										
Waste types permitted for disposal	Authorised/licenced annual intake for disposal (tpa)	Actual intake for disposal in reporting year (tpa)	Remaining licensed capacity at end of reporting year (m3)	Comments						

#### Table 3 General information-Landfill only

Area ID	Date landfilling commenced	Date landfilling ceased	Currently landfilling	Private or Public Operated	Predicted date to cease landfilling	Licence permits asbestos	Is there a separate cell for asbestos?	Total disposal area occupied by waste	Lined disposal area occupied by waste	Unlined area
								SELECT UNIT	SELECT UNIT	SELECT UNIT



gical th th two (LD) porting Was Leachate monitored in compliance with LD standard in reporting Was leachate monitored in compliance with LD standard in standard in reporting Was leachate monitored in compliance with LD standard in standard in standard in standard in reporting Was leachate monitored in compliance with LD standard in	4 Environmental monitoring-landfill only Landfill Manual-Monitoring Standards eterological etero
intermediation     Was Landfill Gas monitored in two (LD)     Was Landfill Gas monitored in compliance with LD standard in reporting     Was GW trigger levels     Were emission limit values agreed with Were emission limit values agreed with surveyed in the values agreed with surveyed in submitted in     Hase for the values with close trigger levels     Hase for the values were emission limit values agreed with the values agreed with surveyed in submitted in     Hase for the values were emission limit values agreed with the values agreed with surveyed in submitted in     Hase for the values trigger levels     Hase for the values trigger levels </th <th>tandaria l</th>	tandaria l
with LD standard in reporting year reporting year year been established the Agency (ELVs) reporting year reporting year Comments	ring in here with l Directive (LD) here for compliance with LD standard in reporting was leachate monitored in compliance with LD standard in reporting here for the standard in reporting here with LD standard in here porting here with LD standard in here porti

SELECT

.+ please refer to Landfill Manual linked above for relevant Landfill Directive monitoring standards

## Table 5 Capping-Landfill only

Area uncapped*	Area with temporary cap			Area with waste that should be permanently		
Area uncapped	Area with temporary cap			should be permanently		1
SELECT UNIT	SELECT UNIT	Area with final cap to LD		capped to date under		
SELECT UNIT	SELECT UNIT	Standard m2 ha, a	Area capped other	licence	What materials are used in the cap	Comments

\*please note this includes daily cover area

## Table 6 Leachate-Landfill only

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

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

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

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

### Table 7 Landfill Gas-Landfill only

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

