

SELECT	cells that are highlighted blue cont
<u>guidance document link</u>	cells that contain underlined text c
Table heading *	table headings followed by a symb
Cells with red indicator in top right corner	cells that have a red indicator in th

Please note an interpretation of results is still required. This should be er
appropriately to fit your interpretation, if additional space is required plea:
template should have all cells sized appropri

tain a dropdown menu click to select one option from the list

click to access relevant guidance documents for this section

do not have an associated footnote or instructions

in the top right corner contain a comment box with further instructions or clarification

Entered in the additional information/comments boxes within the templates. Please size these boxes so they include an appendix to the AER template and merge it as part of the AER PDF document. The excel file must be saved in a format that is readable before it is converted to PDF document.

Facility Information Summary	
AER Reporting Year	2016
Licence Register Number	W0142-01
Name of site	Macroom Civic Amenity Site
Site Location	Macroom
NACE Code	3832
Class/Classes of Activity	5C / 50.1
National Grid Reference (6E, 6 N)	1319E 0728N
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.	<p>The General Public dispose of their recycables on site for transportation to other facilities for recycling or disposal to Landfill. Recycables are Domestic wate, food cans, beverage cans, glass bottles, rubble/DIY, paper, Cardboard, Newspapers and Magazines, Paint, Batteries, Waste Engine Oil, Fluorescent Tubes, Scrap Metal, Timber, Flat Glass, Green Waste, Textiles, Waste Cooking Oil & WEEE. Noise, Dust and Surface Water Monitoring was carried out at this facility in 2016 and all results were compliant with the Waste Licence. No complaints were made against the faility during 2016. Overall the site has been complliant with its licence.</p>

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.

Sheila Brennan	31/03/2017
Signature	Date
Group/Facility manager	
(or nominated, suitably qualified and experienced deputy)	

AIR-summary template Lic No: W0142-01 Year 2016

Answer all questions and complete all tables where relevant

1 Does your site have licensed air emissions? If yes please complete table A1 and A2 below for the current reporting year and answer further questions. If **you do not have** licenced emissions and **do not complete a solvent management plan** (table A4 and A5) you do not need to complete the tables

No	Additional information
----	------------------------

Periodic/Non-Continuous Monitoring

2 Are there any results in breach of licence requirements? If yes please provide brief details in the comment section of TableA1 below

No	
----	--

3 Was all monitoring carried out in accordance with EPA guidance note AG2 and using the basic air monitoring checklist? [Basic air monitoring checklist](#) [AGN2](#)

No	
----	--

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

Emission reference no:	Parameter/ Substance	Frequency of Monitoring	ELV in licence or any revision thereof	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence limit	Method of analysis	Annual mass load (kg)	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			SELECT		SELECT	SELECT	SELECT		

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

AIR-summary template	Lic No:	W0142-01	Year	2016
Continuous Monitoring				

4 Does your site carry out continuous air emissions monitoring?

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

6 Do you have a proactive service agreement for each piece of continuous monitoring equipment?

7 Did your site experience any abatement system bypasses? If yes please detail them in table A3 below

Table A2: Summary of average emissions -continuous monitoring

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

<p>1 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</p>	<input type="radio"/> No	Additional information
<p>2 Was it a requirement of your licence to carry out visual inspections on any surface water discharges or watercourses on or near your site? If yes please complete table W2 below summarising <u>only any evidence of contamination noted during visual inspections</u></p>	<input type="radio"/> Yes	

Table W1 Storm water monitoring

Location reference	Location relative to site activities	PRTR Parameter	Licensed 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
	SELECT	SELECT	SELECT			SELECT		SELECT	SELECT	
	SELECT	SELECT	SELECT			SELECT		SELECT	SELECT	

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

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

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

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

<p>3 Was there any result in breach of licence requirements? If yes please provide brief details in the comment section of Table W3 below</p>	<input type="radio"/> SELECT	Additional information
<p>4 Was all monitoring carried out in accordance with EPA guidance and checklists for Quality of Aqueous Monitoring Data Reported to the EPA? If no please detail what areas require improvement in additional information box</p> <p>External /Internal Lab Quality checklist Assessment of results checklist</p>	<input type="radio"/> 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 thereof ^{Note 2}	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Method of analysis	Procedural reference source	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

Continuous monitoring

5 Does your site carry out continuous emissions to water/sewer monitoring? Additional Information

<input type="text" value="SELECT"/>	
-------------------------------------	--

If yes please summarise your continuous monitoring data below in Table W4 and compare it to its relevant Emission Limit Value (ELV)

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

<input type="text" value="SELECT"/>	
-------------------------------------	--

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

<input type="text" value="SELECT"/>	
-------------------------------------	--

8 Did abatement system bypass occur during the reporting year? If yes please complete table W5 below

<input type="text" value="SELECT"/>	
-------------------------------------	--

Table W4: Summary of average emissions -continuous monitoring

Emission reference no:	Emission released to	Parameter/ Substance	ELV or trigger values in licence or any revision thereof	Averaging Period	Compliance Criteria	Units of measurement	Annual Emission for current reporting year (kg)	% change +/- from previous reporting year	Monitoring Equipment downtime (hours)	Number of ELV exceedences in reporting year	Comments
	<input type="text" value="SELECT"/>	<input type="text" value="SELECT"/>		<input type="text" value="SELECT"/>	<input type="text" value="SELECT"/>	<input type="text" value="SELECT"/>					
	<input type="text" value="SELECT"/>	<input type="text" value="SELECT"/>		<input type="text" value="SELECT"/>	<input type="text" value="SELECT"/>	<input type="text" value="SELECT"/>					

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

Table W5: Abatement system bypass reporting table

Date	Duration (hours)	Location	Resultant emissions	Reason for bypass	Corrective action*	Was a report submitted to the EPA?	When was this report submitted?
						<input type="text" value="SELECT"/>	

*Measures taken or proposed to reduce or limit bypass frequency

Bund testing

dropdown menu click to see options

Additional information

- Are you required by your licence to undertake integrity testing on bunds and containment structures ? if yes please fill out table B1 below listing all **new bunds and containment structures** on site, in addition to **all bunds which failed the integrity test- all bunding structures which failed including mobile bunds must be listed in the table below, please include all bunds outside the licenced testing period**(mobile bunds and chemstore included)
- 1 Please provide integrity testing frequency period
 - 2 Does the site maintain a register of bunds, underground pipelines (including stormwater and foul), Tanks, sumps and containers? (containers refers to "Chemstore" type units and mobile bunds)
 - 3 How many bunds are on site?
 - 4 How many of these bunds have been tested within the required test schedule?
 - 5 How many mobile bunds are on site?
 - 6 Are the mobile bunds included in the bund test schedule?
 - 7 How many of these mobile bunds have been tested within the required test schedule?
 - 8 How many sumps on site are included in the integrity test schedule?
 - 9 How many of these sumps are integrity tested within the test schedule?
- Please list any sump integrity failures in table B1**
- 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?
 - 13 Is the Fire Water Retention Pond included in your integrity test programme?

Yes	
3 years	
No	
1	
1	
0	
No	
0	
0	
0	
SELECT	
SELECT	
SELECT	

Table B1: Summary details of bund /containment structure integrity test

Bund/Containment structure ID	Type	Specify Other type	Product containment	Actual capacity	Capacity required*	Type of integrity test	Other test type	Test date	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
SELECT	SELECT					SELECT			SELECT	SELECT		SELECT		
SELECT	SELECT					SELECT			SELECT	SELECT		SELECT		

- * 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 requirements and are all structures tested in line with BS8007/EPA Guidance? [bunding and storage guidelines](#)
- 15 Are channels/transfer systems to remote containment systems tested?
 - 17 Are channels/transfer systems compliant in both integrity and available volume?

Commentary

SELECT	
SELECT	
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 underground structures and pipelines on site **which failed the integrity test and all which have not been tested within the integrity test period as specified**
- 2 Please provide integrity testing frequency period
- *please note integrity testing means water tightness testing for process and foul pipelines (as required under your licence)

SELECT	
SELECT	

Table B2: Summary details of pipeline/underground structures integrity test

Structure ID	Type system	Material of construction:	Does this structure have Secondary containment?	Type secondary containment	Type integrity testing	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT				SELECT

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

		Comments
1	Are you required to carry out groundwater monitoring as part of your licence requirements?	SELECT
2	Are you required to carry out soil monitoring as part of your licence requirements?	SELECT
3	Do you extract groundwater for use on site? If yes please specify use in comment section	SELECT
Do monitoring results show that groundwater generic assessment criteria such as GTVs or IGVs are exceeded or is there an upward trend in results for a substance? If yes, please complete the Groundwater Monitoring Guideline Template Groundwater monitoring template (link in cell G8) and submit separately through ALDER as a licensee return AND answer questions 5-12 below.		SELECT
5	Is the contamination related to operations at the facility (either current and/or historic)	SELECT
6	Have actions been taken to address contamination issues? If yes please summarise remediation strategies proposed/undertaken for the site	SELECT
7	Please specify the proposed time frame for the remediation strategy	SELECT
8	Is there a licence condition to carry out/update ELRA for the site?	SELECT
9	Has any type of risk assessment been carried out for the site?	SELECT
10	Has a Conceptual Site Model been developed for the site?	SELECT
11	Have potential receptors been identified on and off site?	SELECT
12	Is there evidence that contamination is migrating offsite?	SELECT

Please enter interpretation of data here

Table 1: Upgradient Groundwater monitoring results

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

.+ where average indicates arithmetic mean

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

Table 2: Downgradient Groundwater monitoring results

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

Groundwater/Soil monitoring template		Lic No:	W0142-01	Year	2016
<p>*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.</p>		<p>Groundwater monitoring template</p>			
<p>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)</p>		<p>Guidance on the Management of Contaminated Land and Groundwater at EPA Licensed Sites (EPA 2013)</p>			
<p>**Depending on location of the site and proximity to other sensitive receptors alternative Receptor based Water Quality standards should be used in addition to the GTV e.g. if the site is close to surface water compare to Surface Water Environmental Quality Standards (SWEQS), If the site is close to a drinking water supply compare results to the Drinking Water Standards (DWS)</p>		<p> Groundwater Drinking water regulations (private supply) Drinking water (public Interim Guideline water EQS GTV's standards supply) standards Values (IGV) </p>			

Groundwater/Soil monitoring template	Lic No: W0142-01	Year: 2016
---	------------------	------------

Table 3: Soil results

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

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

Environmental Liabilities template

Lic No:

W0142-01

Year

2016

[Click here to access EPA guidance on Environmental Liabilities and Financial provision](#)

		Commentary	
1	ELRA initial agreement status	SELECT	
2	ELRA review status	SELECT	
3	Amount of Financial Provision cover required as determined by the latest ELRA	Specify	
4	Financial Provision for ELRA status	SELECT	
5	Financial Provision for ELRA - amount of cover	Specify	
6	Financial Provision for ELRA - type	SELECT	
7	Financial provision for ELRA expiry date	Enter expiry date	
8	Closure plan initial agreement status	SELECT	
9	Closure plan review status	SELECT	
10	Financial Provision for Closure status	SELECT	
11	Financial Provision for Closure - amount of cover	Specify	
12	Financial Provision for Closure - type	SELECT	
13	Financial provision for Closure expiry date	Enter expiry date	

Environmental Management Programme/Continuous Improvement Programme template	Lic No:	W0142-01	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	
2	Does the EMS reference the most significant environmental aspects and associated impacts on-site	Yes	
3	Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance 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
Energy Efficiency/Utility conservation	To reduce energy consumpti	90		Individual	Installation of infrastructure
Waste reduction/Raw material usage efficiency	Inroduced seperate food wa	90		Individual	Increased compliance with licence conditions
Waste reduction/Raw material usage efficiency	Mattress diversion from Lan	90		Individual	Increased compliance with licence conditions

Noise monitoring summary report

Lic No: W0142-01

Year

2016

1 Was noise monitoring a licence requirement for the AER period?

If yes please fill in table N1 noise summary below

Yes

2 Was noise monitoring carried out using the EPA Guidance note, including completion of the "Checklist for noise measurement report" included in the guidance note as table 6?

Noise
Guidance
note NG4

Yes

3 Does your site have a noise reduction plan

No

4 When was the noise reduction plan last updated?

Enter date

5 Have there been changes relevant to site noise emissions (e.g. plant or operational changes) since the last noise survey?

No

Table N1: Noise monitoring summary

Date of monitoring	Time period	Noise location (on site)	Noise sensitive location -NSL (if applicable)	LA _{eq}	LA ₉₀	LA ₁₀	LA _{max}	Tonal or Impulsive noise* (Y/N)	If tonal /impulsive noise was identified was 5dB penalty applied?	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is <u>site</u> compliant with noise limits (day/evening/night)?
16/06/2016	11:48	N1	N/A	64.6	44.8	69.5		No	No	Main Noise from N22	Yes
28/09/2016	10:11	N1	N/A	65.8	45.8	70.6		No	No	Main Noise from N22	Yes
05/10/2016	10:30	N1	N/A	66.9	48.4	71.6		No	No	Main Noise from N22	Yes
16/06/2016	12:21	N2	N/A	50.9	51.1	40.6		No	No	Main Noise from N22	Yes
28/09/2016	10:44	N2	N/A	45.1	48.2	37.2		No	No	Main Noise from N22	Yes
05/10/2016	11:04	N2	N/A	53.7	56.6	48.8		No	No	Main Noise from N22	Yes
16/06/2016	13:30	N3	N/A	52.4	55.2	46.7		No	No	Main Noise from N22	Yes
28/09/2016	11:19	N3	N/A	52.5	55.7	46.3		No	No	Main Noise from N22	Yes
05/10/2016	11:42	N3	N/A	53.6	56.6	47.3		No	No	Main Noise from N22	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

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

SELECT

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

Any additional comments? (less than 200 words)

Resource Usage/Energy efficiency summary

Lic No:

W0142-01

Year

2016

Additional information

- 1 When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below
- 2 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
- 3 Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information

Enter date of audit	
SELECT	
SELECT	

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 (MWHrs)				
Electricity Consumption (MWHrs)	37.35	32.705		
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 on site					Water Emissions	Water Consumption	
Water use	Water extracted Previous year m3/yr.	Water extracted Current year m3/yr.	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*	Volume Discharged back to environment(m ³ /yr):	Volume used i.e not discharged to environment e.g. released as steam m3/yr	Unaccounted for Water:
Groundwater							
Surface water							
Public supply	64	43				43	
Recycled water							
Total							

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

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

Table R3 Waste Stream Summary					
	Total	Landfill	Incineration	Recycled	Other
Hazardous (Tonnes)	18.5			18.5	
Non-Hazardous (Tonnes)	2289.72	1021.18		1268.54	

Resource Usage/Energy efficiency summary	Lic No: W0142-01	Year	2016
---	------------------	------	------

Table R4: Energy Audit finding recommendations								
Date of audit	Recommendations	Description of Measures proposed	Origin of measures	Predicted energy savings %	Implementation date	Responsibility	Completion date	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	N/A	N/A	N/A	N/A	N/A
Primary Fuel	N/A	N/A	N/A	N/A	N/A
Thermal Efficiency	N/A	N/A	N/A	N/A	N/A
Unit Date of Commission	N/A	N/A	N/A	N/A	N/A
Total Starts for year	N/A	N/A	N/A	N/A	N/A
Total Running Time	N/A	N/A	N/A	N/A	N/A
Total Electricity Generated (GWH)	N/A	N/A	N/A	N/A	N/A
House Load (GWH)	N/A	N/A	N/A	N/A	N/A
KWH per Litre of Process Water	N/A	N/A	N/A	N/A	N/A
KWH per Litre of Total Water used or	N/A	N/A	N/A	N/A	N/A

WASTE SUMMARY		Lic No:		W0142-01		Year		2016				
SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES												
PRTR facility logon												
dropdown list click to see options												
Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used					
Within the Country	13 02 08	Yes	5.16	other engine, gear and lubricating oils	R1	M	Weighed	Offsite in Ireland	Enva ,IPC472 WMC16/01	Port laoise,,Laoise,,Ireland	ENVA ,IPC 472 WMC 16/01	Portlaoise,,Laoise,,Ireland
Within the Country	15 01 01	No	117.78	Cardboard	R13	M	Weighed	Offsite in Ireland	Green Star,W0136-02	Glanmire,,Cork,,Ireland		Portlaoise,,Laoise,,Ireland
Within the Country	15 01 02	No	35.86	plastic bottles	R13	M	Weighed	Offsite in Ireland	Green Dragon Recycling,CK(S) 46/03/CKWMC 183/03	Glanmire,,Cork,,Ireland		
1 Within the Country	15 01 04	No	5.22	Beverage cans	R13	M	Weighed	Offsite in Ireland	Green Dragon Recycling,CK(S) 46/03/CKWMC 183/03	Glanmire,,Cork,,Ireland		
Within the Country	15 01 04	No	11.19	Food tins	R13	M	Weighed	Offsite in Ireland	46/03/CKWMC 183/03	Limerick,,Ireland		
2 Within the Country	15 01 07	No	131.32	glass packaging	R5	M	Weighed	Offsite in Ireland	Mr Binman Limerick ,W0061-02			
3 Within the Country	16 06 01	Yes	5.0	lead batteries	R6	M	Weighed	Offsite in Ireland	KMK Metals,WMC 84/01	Swords,Dublin,Cork,,Ireland	KMK Metals Ballymount Dublin 2,W0113-03	Ballymount,,Dublin 2,,Ireland
Within the Country	16 06 02	Yes	1.18	Ni-Cd batteries	R4	M	Weighed	Offsite in Ireland	KMK Metals,WMC 84/01	Swords,Dublin,Cork,,Ireland	KMK Metals Ballymount Dublin 2,W0113-03	Ballymount,,Dublin 2,,Ireland
Within the Country	16 06 04	No	1.96	alkaline batteries (except 16 06 03) mixture of concrete, bricks, tiles and ceramics other than	R4	M	Weighed	Offsite in Ireland	KMK Metals,WMC 84/01	Swords,Dublin,Cork,,Ireland		
Within the Country	17 01 07	No	178.74	ceramics other than	R13	M	Weighed	Offsite in Ireland	Ballineen Skip Hire,WFP CK 10-0054-C1	Ballineen,,Cork,,Ireland		
Within the Country	20 01 01	No	170.08	Paper	R13	M	Weighed	Offsite in Ireland	Green Star,W0136-02	Glanmire,,Cork,,Ireland		
Within the Country	20 01 02	No	20.7	Flat glass	R13	M	Weighed	Offsite in Ireland	MSM (Eclipse) ,00/5 CKWMC	Port laoise,,Laoise,,Ireland		
Within the Country	20 01 11	No	2.96	textiles	R3	M	Weighed	Offsite in Ireland	Textile Ireland Ltd.,	Port laoise,,Laoise,,Ireland		
Within the Country	20 01 11	No	6.18	textiles	R3	M	Weighed	Offsite in Ireland	St. Vincent De Paul,,	Port laoise,,Laoise,,Ireland		
Within the Country	20 01 11	No	12.08	textiles	R3	M	Weighed	Offsite in Ireland	Enable Ireland ,,	Port laoise,,Laoise,,Ireland		
Within the Country	20 01 21	Yes	7.6	fluorescent tubes and other mercury-containing waste	R4	M	Weighed	Offsite in Ireland	KMK Metals,WMC 84/01	Swords,Dublin,Cork,,Ireland	KMK Metals Ballymount Dublin 2,W0113-03	Ballymount,,Dublin 2,,Ireland
Within the Country	20 01 25	No	1.36	edible oil and fat	R9	M	Weighed	Offsite in Ireland	Frylite,WFP-CK-1100-92	Business		
To Other Countries	20 01 27	Yes	13.96	paint, inks, adhesives and resins containing dangerous substances	R5	M	Weighed	Abroad	Enva ,IPC472 WMC16/01	Port laoise,,Laoise,,Ireland	AGR E56252039,E5625 2039,Im Emscherbruch	Im Emscherbruch
Within the Country	20 01 36	No	182.176	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	R13	M	Weighed	Offsite in Ireland	KMK Metals,WMC 84/01	Swords,Dublin,Cork,,Ireland		
4 Within the Country	20 01 38	No	159.42	wood other than that mentioned in 20 01 37	R3	M	Weighed	Offsite in Ireland	CTO,W0012-02	rd,,Cork,,Ireland		

WASTE SUMMARY				Lic No:	W0142-01	Year	2016

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

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

SELECT

9 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

SELECT

10

Does your facility have relevant nuisance controls in place?

SELECT

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

SELECT

Do you maintain a sludge register on site?

SELECT

SECTION 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	Inert or non-hazardous	Predicted date to cease landfilling	Licence permits asbestos	Is there a separate cell for asbestos?	Accepted asbestos in reporting year	Total disposal area occupied by waste SELECT UNIT	Lined disposal area occupied by waste SELECT UNIT	Unlined area SELECT UNIT
Cell 8												

Table 4 Environmental monitoring-landfill only [Landfill Manual-Monitoring Standards.](#)

Waste types permitted for disposal	Was leachate monitored in compliance with LD standard in reporting year +	Was Landfill Gas monitored in compliance with LD standard in reporting year	Was SW monitored in compliance with LD standard in reporting year	Have GW trigger levels been established	Were emission limit values agreed with the Agency (ELVs)	Was topography of the site surveyed in reporting year	Has the statement under S53(A)(5) of WMA been submitted in reporting year	Comments

→ 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 final cap to LD Standard m2 ha, a	Area capped other	should be permanently capped to date under	What materials are used in the cap	Comments
SELECT UNIT	SELECT UNIT					

*please note this includes daily cover area

Table 6 Leachate-Landfill only

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

SELECT

Is leachate released to surface water? If yes please complete leachate 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 leachate treatment	Comments

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

Table 7 Landfill Gas-Landfill only

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

D2

D2-Land treatment

No

Private

01-WASTE RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS

WASTE SUMMARY			Lic No:	W0142-01	Year	2016
D3	D3-Deep injection	N/A	Inert	02- WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING		
D4	D4-Surface impoundment	SELECT	Non Hazardous	03- WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD		
D5	D5- Specially engineered landfill	0-15		04- WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES		
D6	D6-Release into a water body except seas or oceans	15-30		05- WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL		
D7	D7-Release to seas/oceans including sea bed insertion	30-45		06- WASTES FROM INORGANIC CHEMICAL PROCESSES		
D8	D8-Biological treatment not specified elsewhere which are discarded by m	45-60		07- WASTES FROM ORGANIC CHEMICAL PROCESSES		
D9	D9-Physico-Chemical treatment not specified elsewhere which results in fi		0% m2	08- WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS		
D10	D10-Incineration on land		10% ha	09- WASTES FROM THE PHOTOGRAPHIC INDUSTRY		
D11	D11-Incineration at sea		20% a	10- WASTES FROM THERMAL PROCESSES		
D12	D12-Permanent storage		30%	11- WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY		
D13	D13- Blending or mixing prior to submission to any of the operations numb		40%	12- WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS		
D14	D14-Repackaging prior to submission to any of the operations numbered D		50%	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)		
D15	D15-Storage pending any of the operations numbered D1 to D14		60%	14- WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS (except 07 and 08)		
R1	R1-Use principally as a fuel or other means to generate energy		70%	15- WASTE PACKAGING, ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED		
R2	R2-Solvent reclamation/regeneration		80%	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST		
R3	R3-Recycling/reclamation or organic substances which are not used as solv		90%	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)		
R4	R4- Recycling/reclamation of metals and metal compounds		100%	18- WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate RESEARCH (except kitchen and restaurant waste		
R5	R5-Recycling/reclamation or other inorganic materials which includes soil c SELECT			19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR IND		
R6	R6-Regeneration of acids or bases			20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS		
R7	R7-Recovery of components used for pollution abatement					
R8	R8-Recovery of components from catalysts					
R9	R9-Oil re-refining or other reuses of oil					
R10	R10-Land treatment resulting in benefit to agriculture or ecological improvement					
R11	R11-Use of waste obtained from any of the operations numbered R1 to R10					
R12	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repack					
R13	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)					
SELECT						

Comments on liner type

es not arising from immediate health care)
USTRIAL USI

aging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)