SELECT	cells that are highlighted blue cont
guidance document link	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 e
appropriately to fit your interpretation, if additional space is required plea
template should have all cells sized appropri

:ain a dropdown menu click to select one option from the list

:lick to access relevant guidance documents for this section

ol have an associated footnote or instructions

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

ntered in the additional information/comments boxes within the templates. Please size these boxes
ıse include an appendix to the AER template and merge it as part of the AER PDF document. The excel
ately so that all text is readable before it is converted to PDF document.

Facility Information Summary	
AER Reporting Year	2015
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.

The General Public dispose of their recycables on site for transportation to other facilities for recycling or disposal to Landfill. Recyables are Domestic wate, food cans, beverage cans, glass bottles, rubble/DIY, paper, Cardboard, Newpapers 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 2014 and all results were compliant with the Waste Licence. No complaints were made against the faility during 2014. Overall the site has been complliant with its licence.

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	31/03/2016
Signature Group/Facility manager (or nominated, suitably qualified and experienced deputy)	Date

AIR-summary template	Lic No:	W0142-01	Year	2015

Answer all questions and complete all tables where relevant

			Additional information
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	

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 therof	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	2015

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 reference no:	Parameter/ Substance	ELV in licence or any revision therof	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

AIR-summary template	Lic No:	W0142-01	Year	2015

Solvent use and management on site

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

SELECT

Table A4: Solvent Management Plan Summary
Total VOC Emission limit value

Solvent regulations — Please refer to linked solvent regulations to complete table 5 and 6

Reporting year	Total solvent input on site (kg)	Total VOC emissions to Air from entire site (direct and fugitive)	Total VOC emissions as %of solvent input	Total Emission Limit Value (ELV) in licence or any revision therof	Compliance
					SELECT
					SELECT

Table A5: Solvent Mass Balance summary

	(I) Inputs (kg)	(O) Outputs (kg)						
Solvent	(I) Inputs (kg)	Organic solvent emission in waste	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)
							Total	

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER) Lic No: W0142-01 Year 2015

			Additional information
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 only need to complete table W1 and or W2 for storm water analysis and visual inspections	No	
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 only any evidence of contamination noted during visual inspections	Yes	

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	upstream	SELECT	pH	18/03/15, 17/09/15	7.5	All values < ELV		pH units	yes	
SW1	upstream	SELECT	Temperature	18/03/15, 17/09/15	12.4	All values < ELV		degrees C	yes	
SW1	upstream	SELECT	Conductivity	18/03/15, 17/09/15	120.4	All values < ELV		µS/cm @20oC	yes	
SW1	upstream	SELECT	Dissolved Oxygen	18/03/15, 17/09/15	7.7	All values < ELV		%sat	yes	
SW1	upstream	SELECT	Ammonia (as N)	18/03/15, 17/09/15	0.03	All values < ELV		mg/L	yes	
SW1	upstream	SELECT	BOD	18/03/15, 17/09/15	<1	All values < ELV		mg/L	yes	
SW1	upstream	SELECT	COD	18/03/15, 17/09/15	14	All values < ELV		mg/L	yes	
SW1	downstream	SELECT	Suspended Solids	18/03/15, 17/09/15	<2	All values < ELV		mg/L	yes	
SW2	downstream	SELECT	pH	18/03/15, 17/09/15	7.4	All values < ELV		pH units	yes	
SW2	downstream	SELECT	Temperature	18/03/15, 17/09/15	12.25	All values < ELV		degrees C	yes	
SW2	downstream	SELECT	Conductivity	18/03/15, 17/09/15	120.85	All values < ELV		µS/cm @20oC	yes	
SW2	downstream	SELECT	Dissolved Oxygen	18/03/15, 17/09/15	7.81	All values < ELV		%sat	yes	
SW2	downstream	SELECT	Ammonia (as N)	18/03/15, 17/09/15	0.03	All values < ELV		mg/L	yes	
SW2	downstream	SELECT	BOD	18/03/15, 17/09/15	<1	All values < ELV		mg/L	yes	
SW2	downstream	SELECT	COD	18/03/15, 17/09/15	14.5	All values < ELV		mg/L	yes	
SW2	downstream	SELECT	Suspended Solids	18/03/15, 17/09/15	<2	All values < ELV		mg/L	yes	
SW3	ONSITE	SELECT	pH	18/03/15, 17/09/15	8	All values < ELV		pH units	yes	
SW3	ONSITE	SELECT	Temperature	18/03/15, 17/09/15	12.6	All values < ELV		degrees C	yes	
SW3	ONSITE	SELECT	Conductivity	18/03/15, 17/09/15	272.5	All values < ELV		µS/cm @20oC	yes	
SW3	ONSITE	SELECT	Dissolved Oxygen	18/03/15, 17/09/15	7.37	All values < ELV		%sat	yes	
SW3	ONSITE	SELECT	Ammonia (as N)	18/03/15, 17/09/15	0.02	All values < ELV		mg/L	yes	
SW3	ONSITE	SELECT	BOD	18/03/15, 17/09/15	<1	All values < ELV		mg/L	yes	
SW3	ONSITE	SELECT	COD	18/03/15, 17/09/15	20.5	All values < ELV		mg/L	yes	
SW3	ONSITE	SELECT	Suspended Solids	18/03/15, 17/09/15	<2	All values < ELV		mg/L	yes	
SW4	ONSITE	SELECT	pH	18/03/15, 17/09/15	7.9	All values < ELV		pH units	yes	
SW4	ONSITE	SELECT	Temperature	18/03/15, 17/09/15	13	All values < ELV		degrees C	yes	
SW4	ONSITE	SELECT	Conductivity	18/03/15, 17/09/15	230	All values < ELV		µS/cm @20oC	yes	
SW4	ONSITE	SELECT	Dissolved Oxygen	18/03/15, 17/09/15	7.1	All values < ELV		%sat	yes	
SW4	ONSITE	SELECT	Ammonia (as N)	18/03/15, 17/09/15	0.03	All values < ELV		mg/L	yes	
SW4	ONSITE	SELECT	BOD	18/03/15, 17/09/15	<1	All values < ELV		mg/L	yes	
SW4	ONSITE	SELECT	COD	18/03/15, 17/09/15	54	All values < ELV		mg/L	yes	
SW4	ONSITE	SELECT	Suspended Solids	18/03/15, 17/09/15	<2	All values < ELV		mg/L	yes	

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER) Lic No: W0142-01 Year 2015

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)

3	Was there any result in breach of licence requirements? If yes please provide brief details in the comment section of Table W3 below			SELECT	Additional information
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	External /Internal Lab Quality checklist	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[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

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)	Lic No:	W0142-01	Year	2015

Continuous monitoring

			Additional Information
5	Does your site carry out continuous emissions to water/sewer monitoring?	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**	SELECT	
7	Do you have a proactive service contract for each piece of continuous monitoring equipment on site?	SELECT	
8	Did abatement system bypass occur during the reporting year? **If yes please complete table W5 below**	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
	SELECT	SELECT		SELECT	SELECT	SELECT					
	SELECT	SELECT		SELECT	SELECT	SELECT					

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

Table W5: Abatement system bypass reporting table

Date	Duration (hours)	Location	Resultant emissions	Reason for bypass	Corrective action*	Was a report submitted to the EPA?	When was this report submitted?
						SELECT	

*Measures taken or proposed to reduce or limit bypass frequency

Bund/Pipeline testing template Lic No: W0142-01 Year 2015

Bund testing

dropdown menu click to see options

			Additional information
1	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)	Yes	
2	Please provide integrity testing frequency period	3 years	
3	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)	No	
4	How many bunds are on site?	1	
5	How many of these bunds have been tested within the required test schedule?	1	
6	How many mobile bunds are on site?	0	
7	Are the mobile bunds included in the bund test schedule?	No	
8	How many of these mobile bunds have been tested within the required test schedule?	0	
9	How many sumps on site are included in the integrity test schedule?	0	
10	How many of these sumps are integrity tested within the test schedule?	0	
	Please list any sump integrity failures in table B1		
11	Do all sumps and chambers have high level liquid alarms?	SELECT	
12	If yes to Q11 are these failsafe systems included in a maintenance and testing programme?	SELECT	
13	Is the Fire Water Retention Pond included in your integrity test programme?	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					Structural assessment			SELECT	SELECT		SELECT		
	SELECT					SELECT			SELECT	SELECT		SELECT		

* Capacity required should comply with 25% or 110% containment rule as detailed in your licence

			Commentary
15	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	SELECT
16	Are channels/transfer systems to remote containment systems tested?		SELECT
17	Are channels/transfer systems compliant in both integrity and available volume?		SELECT

Pipeline/underground structure testing

1	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 withing the integrity test period as specified**	No
2	Please provide integrity testing frequency period	SELECT

*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

Structure ID	Type system	Material of construction:	Does this structure have Secondary containment?	Type of 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

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

Groundwater/Soil monitoring template	Lic No:	W0142-01	Year	2015

			Comments	
1	Are you required to carry out groundwater monitoring as part of your licence requirements?	SELECT		Please provide an interpretation of groundwater monitoring data in the interpretation box below or if you require additional space please include a groundwater/contaminated land monitoring results interpretaion as an additional section in this AER
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		
4	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 Report (link in cell G8) and submit separately through ALDER as a licensee return AND answer questions 5-12 below. Groundwater monitoring template	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 assesment 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	2015

*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.	Groundwater monitoring template
More information on the use of soil and groundwater standards/ generic assessment criteria (GAC) and risk assessment tools is available in the EPA published guidance (see the link in G31)	Guidance on the Management of Contaminated Land and Groundwater at EPA Licensed Sites (EPA 2013).

**Depending on location of the site and proximity to other sensitive receptors alternative Receptor based Water Quality standards should be used in addition to the GTV e.g. if the site is close to surface water compare to Surface Water Environmental Quality Standards (SWEQS), If the site is close to a drinking water supply compare results to the Drinking Water Standards (DWS)	Surface water EQS	Groundwater regulations GTV's	Drinking water (private supply) standards	Drinking water (public supply) standards	Interim Guideline Values (IGV)

Groundwater/Soil monitoring template	Lic No:	W0142-01	Year	2015

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	2015

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 2015

	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	50		Individual	Installation of infrastructure
Waste reduction/Raw material usage efficiency	Inroduced seperate food wa	90		Individual	Increased compliance with licence conditions
SELECT		SELECT		SELECT	SELECT

Noise monitoring summary report	Lic No:	W0142-01	Year	2015

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	Yes
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 site compliant with noise limits (day/evening/night)?
23/06/2015	11:57	N1	N/A	66.1	43.4	70.9		SELECT	SELECT	Main noise from N22	Yes
31/07/2015	11:32	N1	N/A	67.4	48.4	72		No	No	Main noise from N22	Yes
17/09/2015	13:40	N1	N/A	66	44.3	70.7		No	No	Main noise from N22	Yes
23/06/2015	10:03	N2	N/A	44.4	34.7	46.6		No	No	Main noise from N22	Yes
31/07/2016	10:03	N2	N/A	48.4	36.1	52.3		No	No	Main noise from N22	Yes
17/09/2015	11.25	N2	N/A	56.3	33.7	48.1		No	No	Main noise from N22	Yes
23/06/2015	10:37	N3	N/A	45.4	37.9	48.8		No	No	Main noise from N22	Yes
31/07/2016	10:54	N3	N/A	79	56.2	83.3		No	No	Main noise from N22	Yes
17/09/2015	12:00	N3	N/A	50.7	39	53.4		No	No	Main noise from N22	Yes

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	2015

			Additional information
1	When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below	Enter date of audit	
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	SEAI - Large Industry Energy Network (LIEN) SELECT	
3	Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information	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)	36.637	37.35		
Total Energy Generated (MWHrs)				
Total Renewable Energy Generated (MWHrs)				
Electricity Consumption (MWHrs)	36.637	37.35		
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^3yr):	Volume used i.e not discharged to environment e.g. released as steam m3/yr	Unaccounted for Water:
Groundwater	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Surface water	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Public supply	45	64	N/A	N/A	N/A	64	N/A
Recycled water	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	N/A	N/A	N/A	N/A	N/A	N/A	N/A

* 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)	44.44			44.44	
Non-Hazardous (Tonnes)	2168.06	1027.94		1141.12	

Resource Usage/Energy efficiency summary Lic No: W0142-01 Year 2015

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
No Energy Audit carried out as yet			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 on	N/A	N/A	N/A	N/A	N/A

Complaints and Incidents summary template

Lic No: W0142-01 Year 2015

Complaints

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	No	Additional information

Table 1 Complaints summary

Date	Category	Other type (please specify)	Brief description of complaint (Free txt <20 words)	Corrective action< 20 words	Resolution status	Resolution date	Further information
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		

Total complaints open at start of reporting year	
Total new complaints received during reporting year	
Total complaints closed during reporting year	
Balance of complaints end of reporting year	

Incidents

Have any incidents occurred on site in the current reporting year? Please list all incidents for current reporting year in Table 2 below	SELECT	Additional information

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

Table 2 Incidents summary

Date of occurrence	Incident nature	Location of occurrence	Incident category*please refer to guidance	Receptor	Cause of incident	Other cause(please specify)	Activity in progress at time of incident	Communication	Occurrence	Corrective action<20 words	Preventative action <20 words	Resolution status	Resolution date	Likelihood of 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: W0142-01 Year 2015

	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	13.1	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,,Laois	Portlaoise,,Laoise,.,Ireland
	Within the Country	15 01 01	No	119.32	Cardboard	R13	M	Weighed	Offsite in Ireland	Green Star,W0136-02	Glanmire,,Cork,.,Ireland		
	Within the Country	15 01 02	No	35.74	plastic bottles	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	5.18	Beverage cans	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	10.68	Food tins	R13	M	Weighed	Offsite in Ireland	Green Dragon Recycling,CK(S) 46/03/CKWMC 183/03	Glanmire,,Cork,.,Ireland		
	Within the Country	15 01 07	No	104.03	glass packaging	R5	M	Weighed	Offsite in Ireland	Mr Binman Limerick ,W0061-02	[illegible] nd		
2	Within the Country	16 06 01	Yes	6.5	lead batteries	R6	M	Weighed	Offsite in Ireland	KMK Metals,WMC 84/01	Swords,Dublin,Co. Cork,.,Ireland	Ballymount Dublin 2,W0113-KMK Metals	Ballymount,.,Dublin 2,.,Ireland
3	Within the Country	16 06 02	Yes	1.32	Ni-Cd batteries	R4	M	Weighed	Offsite in Ireland	KMK Metals,WMC 84/01	Swords,Dublin,Co. Cork,.,Ireland	Ballymount Dublin 2,W0113-	Ballymount,.,Dublin 2,.,Ireland
	Within the Country	16 06 04	No	6.72	alkaline batteries (except 16 06 03)	R4	M	Weighed	Offsite in Ireland	KMK Metals,WMC 84/01	Swords,Dublin,Co. Cork,.,Ireland		
	Within the Country	17 01 07	No		mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06	R13	M	Weighed	Offsite in Ireland	Ballineen Skip Hire,WFP CK 10-0054-C1	Ballineen,.,Cork,.,Ireland		
	Within the Country	17 08 02	No	4.82	gypsum-based construction materials other than those	R5	M	Weighed	Offsite in Ireland	Gypsum Recycling Ireland,WMP 238/2006	.,.,.,.,Ireland		
	Within the Country	20 01 01	No	168.34	Paper	R13	M	Weighed	Offsite in Ireland	Green Star,W0136-02	Glanmire,,Cork,.,Ireland		
	Within the Country	20 01 02	No	29.8	Flat glass	R13	M	Weighed	Offsite in Ireland	MSM (Eclipse) ,00/5 CKWMC	.,.,Laoise,.,Ireland		
	Within the Country	20 01 11	No	4.68	textiles	R3	M	Weighed	Offsite in Ireland	Textile Ireland Ltd,.	.,.,.,.,Ireland		
	Within the Country	20 01 11	No	5.98	textiles	R3	M	Weighed	Offsite in Ireland	St. Vincent De Paul,.	.,.,.,.,Ireland		
	Within the Country	20 01 11	No	10.62	textiles	R3	M	Weighed	Offsite in Ireland	Enable Ireland ,.	.,.,Limerick,.,Ireland		
	Within the Country	20 01 21	Yes	13.54	fluorescent tubes and other mercury-containing waste	R4	M	Weighed	Offsite in Ireland	KMK Metals,WMC 84/01	Swords,Dublin,Co. Cork,.,Ireland	KMK Metals Ballymount Dublin 2,W0113-03,Ballymount,.,Dublin 2,.,Ireland	Ballymount,.,Dublin 2,.,Ireland
	Within the Country	20 01 25	No	22.24	edible oil and fat	R9	M	Weighed	Offsite in Ireland	Frylite,WFP-CK-1100-92	Business		
	To Other Countries	20 01 27	Yes	11.74	paint, inks, adhesives and resins containing dangerous substances	R5	M	Weighed	Abroad	Enva ,IPC472 WMC16/01	Port laoise,,Laoise,.,Iceland	AGR E56252039,E5625 2039,Im Emscherbruch ,.,.,.,Germany	Im Emscherbruch ,.,.,.,Germany
	Within the Country	20 01 36	No		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,Co. Cork,.,Ireland		
4	Within the Country	20 01 38	No	180.28	wood other than that mentioned in 20 01 37	R3	M	Weighed	Offsite in Ireland	CTO,W0012-02	Kinsale rd,.,Cork,.,Ireland		
	Within the Country	20 01 40	No	98.88	metals	R4	M	Weighed	Offsite in Ireland	Pouladuff Dismantlers,WM(P) 08/01	Forge Hill,.,Cork,.,Ireland		

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5	Within the Country	20 02 01	No	23.64	Green waste	R3	M	Weighed	Offsite in Ireland	Green Star,W0136-02	Glanmire,.,Cork,. ,Ireland
	Within the Country	20 03 01	No	133.66	mixed municipal waste	D1	M	Weighed	Offsite in Ireland	Green Star,W0136-02	Glanmire,.,Cork,. ,Ireland
6	Within the Country	20 03 01	No	418.66	mixed municipal waste	D1	M	Weighed	Offsite in Ireland	Country clean,W02527-01	North side,.,Cork,.,Irela nd
7	Within the Country	20 03 03	No	14.44	street-cleaning residues	D1	M	Weighed	Offsite in Ireland	Country clean,W02527-01	North side,.,Cork,.,Irela nd
8	Within the Country	20 03 07	No	352.797	bulky waste	R3	M	Weighed	Offsite in Ireland	Ballineen Skip Hire,WFP CK 10-0054-C1	Ballineen,.,Cork,. ,Ireland
	Within the Country	20 03 07	No	121.34	bulky waste	R3	M	Weighed	Offsite in Ireland	Green Star,W0136-02	Glanmire,.,Cork,. ,Ireland
	Within the Country	20 03 07	No	4.8	bulky waste	R3	M	Weighed	Offsite in Ireland	Country clean,W02527-01	side,.,Cork,.,Irela
	Within the Country	20 03 03	No	10.4	street-cleaning residues	D1	M	Weighed	Offsite in Ireland	Green Star,W0136-02	Glanmire,.,Cork,. ,Ireland
	Within the Country	20 02 01	No	53.84	Green waste mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06	R3	M	Weighed	Offsite in Ireland	CTO,W0012-02	Kinsale rd,.,Cork,.,Irelan d
	Within the Country	17 01 07	No	166.076		R5	M	Weighed	Offsite in Ireland	Ballineen Skip Hire,WFP CK 10-0054-C1	Ballineen,.,Cork,. ,Ireland
	Within the Country	**20 03 07**	**No**	8.34	Mattress	R3	M	Weighed	Offsite in Ireland	BOOMERANG,.	.,.,CORK,.,Ireland

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	Lined disposal area occupied by waste	Unlined area
										SELECT UNIT	SELECT UNIT	SELECT UNIT
Cell 8												

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Table 4 Environmental monitoring-landfill only

Landfill Manual-Monitoring Standards

Was meterological monitoring in compliance with Landfill Directive (LD) standard in reporting year +	Was leachate monitored in compliance 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	Area with waste that should be permanently capped to date under licence	What materials are used in the cap	Comments
SELECT UNIT	SELECT UNIT					

*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?	SELECT
10	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	

Comments on liner type