Facility Information Summary	
AER Reporting Year	2013
Licence Register Number	W0142-01
Name of site	١
Site Location	
NACE Code	
Class/Classes of Activity	
National Grid Reference (6E, 6 N)	

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.

Macroom Civic Amenity Site

Macroom

3832

5C / 50.1

1319E 0728N

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 2013 and all results were compliant with the Waste Licence. No complaints were made against the faility during 2013. 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 31/03/2014

Signature Date

Group/Facility manager

(or nominated, suitably qualified and experienced deputy)

	AIR-summary template	Lic No:	W0142-01	Year	2013	
	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	t 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 monitoring checklist AGN2	No				
	Table A1: Licensed Mass Emissions/Ambient data-periodic monitoring (non-continuou	ıs)				

Emission reference no:		Frequency of	ELV in licence or any revision therof	Licence Compliance criteria	Unit of measurement	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 SELECT	SELECT SELECT	SELECT		

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

AIR-summary template	Lic No:	W0142-01	Year	2013
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 3 and compare it to its relevant Emission Limit Value (ELV)				
5 Did continuous monitoring equipment experience downtime? If yes please record downtime in table 3 below	No			
6 Do you have a proactive service agreement for each piece of continuous monitoring equipment? Did your site experience any abatement system bypasses? If yes please detail them in table 4 below	No No			
Table A2: Summary of average emissions -continuous monitoring	•		_	

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

<sup>\*</sup> this should include all dates that an abatement system bypass occurred

<sup>\*\*</sup> 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 t	template				Lic No:	W0142-01		Year	2013
Solvent i	use and managemen	t on site							
Do you have a tota	l Emission Limit Value of d	irect and fugitive e	emissions on site	? if yes please fill out tables A4 a	nd A5		SELECT		
	ent Management Pla ssion limit value	n Summary	Solvent regulations	Please refer to linked solver complete table 5					
Reporting year	Total solvent input on site (kg)	Total VOC emissions to Air from entire site	emissions as	Total Emission Limit Value (ELV) in licence or any revision therof	Compliance				
					SELECT				
					SELECT				
Table A5: S	olvent Mass Balance	summary							1
	(I) Inputs (kg)				O) Outputs (kg)				
Solvent	(I) Inputs (kg)		Solvents lost in water (kg)		Fugitive Organic Solvent (kg)	Solvent released in other ways e.g. by-		Total emission of Solvent to air (kg)	
							Total		

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)		Lic No:	W0142-01	Yea	ar	2013
			Additional information			
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 surface water analysis and visual inspections	No					
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 Surface water monitoring						

Table v	VI Juliace wa	ter 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	03/14, 09/14	7.25	All values < ELV		pH units	yes	
SW1	upstream	SELECT	Temperature	03/14, 09/14	14.55	All values < ELV		degrees C	yes	
SW1	upstream	SELECT	Conductivity	03/14, 09/14	122.5	All values < ELV		μS/cm @20oC	yes	
SW1	upstream	SELECT	Dissolved Oxygen	03/14, 09/14	88.75	All values < ELV		%sat	yes	
SW1	upstream	SELECT	Ammonia (as N)	03/14, 09/14	0.018	All values < ELV		mg/L	yes	
SW1	upstream	SELECT	BOD	03/14, 09/14	<1	All values < ELV		mg/L	yes	
SW1	upstream	SELECT	COD	03/14, 09/14	<10	All values < ELV		mg/L	yes	
SW1	upstream	SELECT	Suspended Solids	03/14, 09/14	<2	All values < ELV		mg/L	yes	
SW2	downstream	SELECT	pH	03/14, 09/14	7.4	All values < ELV		pH units	yes	
SW2	downstream	SELECT	Temperature	03/14, 09/14	14.55	All values < ELV		degrees C	yes	
SW2	downstream	SELECT	Conductivity	03/14, 09/14	123	All values < ELV		μS/cm @20oC	yes	
SW2	downstream	SELECT	Dissolved Oxygen	03/14, 09/14	88.75	All values < ELV		%sat	yes	
SW2	downstream	SELECT	Ammonia (as N)	03/14, 09/14	0.009	All values < ELV		mg/L	yes	
SW2	downstream	SELECT	BOD	03/14, 09/14	<1	All values < ELV		mg/L	yes	
SW2	downstream	SELECT	COD	03/14, 09/14	15	All values < ELV		mg/L	yes	
SW2	downstream	SELECT	Suspended Solids	03/14, 09/14	<2	All values < ELV		mg/L	yes	
SW3	onsite	SELECT	pH	03/14, 09/14	7.9	All values < ELV		pH units	yes	
SW3	onsite	SELECT	Temperature	03/14, 09/14	14.6	All values < ELV		degrees C	yes	
SW3	onsite	SELECT	Conductivity	03/14, 09/14	269.5	All values < ELV		μS/cm @20oC	yes	
SW3	onsite	SELECT	Dissolved Oxygen	03/14, 09/14	84.85	All values < ELV		%sat	yes	
SW3	onsite	SELECT	Ammonia (as N)	03/14, 09/14	0.062	All values < ELV		mg/L	yes	
SW3	onsite	SELECT	BOD	03/14, 09/14	<1	All values < ELV		mg/L	yes	
SW3	onsite	SELECT	COD	03/14, 09/14	<10	All values < ELV		mg/L	yes	
SW3	onsite	SELECT	Suspended Solids	03/14, 09/14	<2	All values < ELV		mg/L	yes	
SW4	onsite	SELECT	pH	03/14, 09/14	8.2	All values < ELV		pH units	yes	
SW4	onsite	SELECT	Temperature	03/14, 09/14	16.6	All values < ELV		degrees C	yes	
SW4	onsite	SELECT	Conductivity	03/14, 09/14	249	All values < ELV		μS/cm @20oC	yes	
SW4	onsite	SELECT	Dissolved Oxygen	03/14, 09/14	86.5	All values < ELV		%sat	yes	
SW4	onsite	SELECT	Ammonia (as N)	03/14, 09/14	0.017	All values < ELV		mg/L	yes	
SW4	onsite	SELECT	BOD	03/14, 09/14	<1	All values < ELV		mg/L	yes	
SW4	onsite	SELECT	COD	03/14, 09/14	<10	All values < ELV		mg/L	yes	
SW4	onsite	SELECT	Suspended Solids	03/14, 09/14	<2	All values < ELV		mg/L	yes	

<sup>\*</sup>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)

3	Was there any result in breach of licence requirements? If y comment section of Table W3			SELECT	Additional information
	Was all monitoring carried out in accordance with EPA				
	guidance and checklists for Quality of Aqueous Monitoring	External /Internal			
	Data Reported to the EPA? If no please detail what areas	Lab Quality	Assessment of		
4	require improvement in additional information box	checklist	results checklist	SELECT	

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

AER Monitor	ing returns su	mmary template-W	ATER/WASTEW	ATER(SEWER		Lic No:	W0142-01		Year	2013					
						ELV or trigger values							Procedural		
Emission	Emission	Parameter/		Frequency of		in licence or any			Unit of	Compliant with		Procedural	reference	Annual mass load	
reference no:	released to	SubstanceNote 1	Type of sample	monitoring	Averaging period	revision therof <sup>Note 2</sup>	Licence Compliance criteria	Measured value	measurement	licence	Method of analysis	reference source	standard number	(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	2013		
Continuous monitoring 5 Does your site carry out continuous emissions to water/sewer monitoring?	SELECT		Additional Informati	on				
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 7 Do you have a proactive service contract for each piece of continuous monitoring equipment on site?	SELECT SELECT							
g Did abatement system bypass occur during the reporting year? If yes please complete table W5 below Table W4: Summary of average emissions -continuous monitoring	SELECT							

Emission	Emission			Averaging	Compliance		Annual Emission for current	Monitoring Equipment	Number of ELV exceedences in	
reference no:	released to	Parameter/ Substance	thereof	Period	Criteria	measurement	reporting year (kg)	downtime (hours)	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)		action*		When was this report submitted?
				SELECT	

<sup>\*</sup>Measures taken or proposed to reduce or limit bypass frequency

	esting template				Lic No:	W0142-01		Year	201	3				
Bund testing	_	dropdown menu clie	ck to see options				Additional information							
	your licence to undertake in	ntegrity testing on bunds and cont		lease fill out table B1 belov	v listing all new bunds			7						
nd containment str	uctures on site, in addition	to all bunds which failed the inte												
sted in the table be	low					Yes		4						
	rity testing frequency perio					3 years		_						
		erground pipelines (including stori	mwater and foul), Tanks, sun	nps and containers? (contai	ners refers to									
hemstore" type ur ow many bunds are	nits and mobile bunds)					No	1	_						
		tin the required test schedule?					1 Test carried out March 2014 results	will be forwarded on	a received					
ow many mobile bu		in the required test scriedule?					n	will be follwarded one	e receiveu					
	s included in the bund test	schedule?				No		+						
		sted witin the required test schedu	ule?				0	1						
ow many sumps on	site are included in the int	egrity test schedule?					0							
ow many of these s	sumps are integrity tested v	within the test schedule?					0							
	integrity failures in table E							_						
	ambers have high level liqui					SELECT								
yes to Q11 are the	se failsafe systems included	d in a maintenance and testing pro	gramme?											
т	able R1: Summany details of	f bund /containment structure into	regrity test	7										
	Dar Summary details of	build y containment structure into	ighty test											
		A												
		A												Result
		A							Integrity reports					retest
nd/Containment		A							maintained on		Integrity test failure		Scheduled date	
ucture 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	repor
	SELECT			,	,,	Structural assessment			SELECT	SELECT	•	SELECT		
	SELECT					SELECT			SELECT	SELECT		SELECT		
	omply with 25% or 110% containment						Commentary						•	
		ance with licence requirements an												
line with BS8007/E				bunding and storage guidel	nes	SELECT SELECT		_						
	er systems to remote contain	inment systems tested? th integrity and available volume?				SELECT		-						
ire citatilleis/trafisit	er systems compilant in bot	in integrity and available volume:				SELECT		_1						
		_												
Pipeline/underg	round structure testing	4						7						
	your licence to undertake i	ntegrity testing on underground st	tructures e.g. pipelines or sur	nps etc? if yes please fill o	ut table 2 below listing									
						No SELECT								
underground stru	ctures and pipelines on site													
underground stru	ctures and pipelines on site rity testing frequency perio					SELECT								
underground stru						SELECT		_						
underground stru ease provide integr	rity testing frequency perio		ntegrity test	]		SELECT						<del>.</del>		
underground stru ease provide integr	rity testing frequency perio	od	ntegrity test			SELECT						]		
underground stru ease provide integr	rity testing frequency perio	od	ntegrity test			SELECT								
underground stru ease provide integr	rity testing frequency perio	od	ntegrity test	Type of secondary		SELECT								
underground stru ase provide integr	rity testing frequency perio	od	ntegrity test	Type of secondary containment		SELECT		Integrity test						
underground stru ease provide integr	rity testing frequency perio	od	Does this structure have			SELECT Integrity reports		failure explanation	Corrective action	Scheduled date	Results of retest(if in current			
underground stru ase provide integr	ie B2: Summary details of p	pipeline/underground structures in	Does this structure have Secondary containment?	containment	Type integrity testing	Integrity reports maintained on site?	Results of test		Corrective action taken	Scheduled date for retest	reporting year)			
underground stru ease provide integr Tab	rity testing frequency perio	pipeline/underground structures in	Does this structure have		Type integrity testing SELECT	Integrity reports	Results of test SELECT	failure explanation						
underground stru ease provide integr Tab	ie B2: Summary details of p	pipeline/underground structures in	Does this structure have Secondary containment?	containment		Integrity reports maintained on site?		failure explanation			reporting year)			
underground stru ease provide integr Tab	ie B2: Summary details of p	pipeline/underground structures in	Does this structure have Secondary containment?	containment		Integrity reports maintained on site?		failure explanation			reporting year)			
underground stru ease provide integr Tab	ie B2: Summary details of p	pipeline/underground structures in	Does this structure have Secondary containment?	containment		Integrity reports maintained on site?		failure explanation			reporting year)			
l underground stru ease provide integr Tab	ie B2: Summary details of p	pipeline/underground structures in	Does this structure have Secondary containment?	containment		Integrity reports maintained on site?		failure explanation			reporting year)			
underground stru ease provide integr Tab	ie B2: Summary details of p	pipeline/underground structures in	Does this structure have Secondary containment?	containment		Integrity reports maintained on site?		failure explanation			reporting year)			
l underground stru lease provide integr Tab	ie B2: Summary details of p	pipeline/underground structures in  Material of construction:  SELECT	Does this structure have Secondary containment?	containment	SELECT	Integrity reports maintained on site?		failure explanation			reporting year)			

Comments Are you required to carry out groundwater monitoring as part of your licence requirements? 2 Are you required to carry out soil monitoring as part of your licence requirements? no <sup>3</sup> Do you extract groundwater for use on site? If yes please specify use in comment section no  $^{4}$  Is there contaminated land and /or groundwater on site? If yes please answer q's 5-12 no 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 N/A 8 Is there a licence condition to carry out/update ELRA for the site? N/A 9 Has any type of risk assesment been carried out for the site? 10 Has a Conceptual Site Model been developed for the site? N/A N/A 11 Have potential receptors been identified on and off site?

Lic No:

Table 1: Upgradient Groundwater monitoring results

12 Is there evidence that contamination is migrating offsite?

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

N/A

W0142-01

Groundwater/Soil monitoring template

Table 2: Downgradient Groundwater monitoring results

Table 2.	Downgraule	int Grounds	water monito	ring results							
											Upward trend in yearly
										% change in	average pollutant
	Sample									average	concentration over last
Date of	location	Parameter/			Maximum	Average				concentration	5 years of monitoring
sampling	reference	Substance	Methodology	Monitoring frequency	Concentration	Concentration	unit	GTV's*	SELECT**	previous year +/-	data
							SELECT				SELECT
							SELECT				SELECT

please note exceedance of a relevant Groundwater threshold value (GTV) at a representative monitoring point does not indicate non compliance, an exceedance triggers further investigation to confirm whether the criteria for poor groundwater chemical status are being met.

\*\*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

Year

2013

Groundwater Drinking water GTV's

(private supply) standards

Drinking water (public supply) standards

Interim Guideline Values (IGV)

<sup>.+</sup> where average indicates arithmetic mean

<sup>.++</sup> maximum concentration indicates the maximum measured concentration from all monitoring results produced during the reporting year

Groundwater/Soil monitoring template	Lic No:	W0142-01	Year	2013	

Tal	hle	3:	Soil	l resu	ltς

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 2013

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	

	<b>Environmental Management Programme/Continuous Improvement Programm</b>	e template	Lic No:	W0142-01	Year	2013
	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				

<b>Environmental Management Programme</b>	(EMP) report				
Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
	Reenforcing Timber foot				
	•	00		Individual	Installation of infrastructure
Additional improvements	bridge	90		Individual	installation of infrastructure
	increase recycling of				
	materials during customers				
	Visits through education				Improved Environmental
Waste reduction/Raw material usage efficiency	and school visits 2013-2015	50		Individual	Management Practices
	to reduce energy usage on				Improved Environmental
Energy Efficiency/Utility conservation	site	50		Individual	Management Practices

Noise monitoring summary report	Lic No:	W0142-01	Year	2013
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?	note NG4			
3 Does your site have a noise reduction plan		Yes		
4 When was the noise reduction plan last updated?				
Have there been changes relevant to site noise emissions (e.g. plant or operational changes) si noise survey?	nce the last	No		
Table N1: Noise monitoring summary				

Table N1: Noise monitoring summary											
Date of monitoring	Time period	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 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)?
10/09/2013	07:00-19:00	N1	N/A	65.7	42.9	70.5	83.5	No	No	Main noise from N22	Yes
10/09/2013	07:00-19:00	N1	N/A	64.8	39.3	69.6	81.5	No	No	Main noise from N22	Yes
10/09/2013	07:00-19:00	N1	N/A	64.8	43.1	69.6	79.7	No	No	Main noise from N22	Yes
10/09/2013	07:00-19:00	N2	N/A	43.9	36.2	47.9	65.9	No	No	Main noise from N22	Yes
10/09/2013	07:00-19:00	N2	N/A	43.8	32.9	47.9	54.6	No	No	Main noise from N22	Yes
10/09/2013	07:00-19:00	N2	N/A	45.1	34.2	49	62.7	No	No	Main noise from N22	Yes
10/09/2013	07:00-19:00	N3	N/A	49.9	42.9	42.9	61.1	No	No	Main noise from N22	Yes
10/09/2013	07:00-19:00	N3	N/A	50	42.3	42.3	62.9	No	No	Main noise from N22	Yes
10/09/2013	07:00-19:00	N3	N/A	49.7	42.6	42.6	65.4	No	No	Main noise from N22	Yes

<sup>\*</sup>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)	

Reso	ırce U	sage/l	Energy effi	ciency summary	<b>v</b>	Lic No:	W0142-01	Year	2013	

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

SEAI - Large Industry Energy Network (LIEN)

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

Netw

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

dout

Table R1 Energy usag	e on site			
Energy Use	Previous year	Current year	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)	46.047	36.637		
Total Energy Generated (MWHrs)	0	0		
Total Renewable Energy Generated (	0	0		
Electricity Consumption (MWHrs)	46.047	36.637		
Fossil Fuels Consumption:	0	0		
Heavy Fuel Oil (m3)	0	0		
Light Fuel Oil (m3)	0	0		
Natural gas (CMN)	0	0		
Coal/Solid fuel (metric tonnes)	0	0		
Peat (metric tonnes)	0	0		
Renewable Biomass	0	0		
Renewable energy generated on site	0	0		

\* where consumption of energy can be compared to overall site production please enter this information as percentage increase or 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		
						Volume used i.e not	
			Production +/- %	Energy		discharged to	
			compared to	Consumption +/- %	Volume Discharged	environment e.g.	
	Water extracted	Water extracted	previous	vs overall site	back to	released as steam	
Water use	Previous year m3/yr.	Current year m3/yr.	reporting year**	production*	environment(m <sup>3</sup> yr):	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	36	45	N/A	N/A	N/A	45	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.

<sup>\*\*</sup> 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)	22.18			22.18	
Non-Hazardous (Tonnes)	2349.748	1030.01		1319.648	

#### Resource Usage/Energy efficiency summary Lic No: W0142-01 Year 2013 Table R4: Energy Audit finding recommendations Description of Predicted energy Status and Measures proposed Origin of measures savings % Date of audit Recommendations Implementation date Responsibility Completion date 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 or	N/A	N/A	N/A	N/A	N/A

Complaints and Incidents summary template		Lic No:	W0142-01	Year	2013	
Complaints						
		Additional information	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	No					

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
Date	SELECT	Other type (picuse specify)	words	Words	SELECT	nesolation date	imormation
	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					
•		Additional information				
Have any incidents occurred on site in the current repo						
year in Tab	le 2 below		No			
				<u> </u>		
*For information on how to report and what						
constitutes an incident	What is an incident					

incidents previous
year
% reduction/
increase

Table 2 Incidents summary														
		Incident			Other	Activity in				Preventative				
			category*please refer to			cause(please	progress at			Corrective action<20	action <20		Resolution	Liklihood of
Date of occurrence	Incident nature	Location of occurrence	guidance	Receptor	Cause of incident	specify)	time 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														
Annual description of the control of	1													

VASTE SUMMAR	RY			Lic No:	W0142-01		Year	2013	3
ECTION A-PRTR	ON SITE WASTE	TREATMENT AND WASTE TRAN	SFERS TAB- TO BE COMPLETED BY ALL IPPC	AND WASTE FACILITI	PRTR facility lo	ogon	dropdow	n list click to see options	
									Port
			other engine, gear and						laoise,.,Laoise,.,Ir
Within the Country	13 02 08	Yes	5.38 lubricating oils	R1	M	Weighed	Offsite in Ireland	Enva ,IPC472 WMC16/01	eland
									Glanmire,.,Cork,.
Within the Country	15 01 01	No	131.38 Cardboard	R13	M	Weighed	Offsite in Ireland	Green Star,W0136-02	,Ireland
								Green Dragon Recycling,CK(S)	Glanmire,.,Cork,.
Within the Country	15 01 02	No	36.86 plastic bottles	R13	M	Weighed	Offsite in Ireland	46/03/CKWMC 183/03	,Ireland
								Green Dragon Recycling,CK(S)	Glanmire,.,Cork,.
Within the Country	15 01 04	No	12.0 Food tins	R13	M	Weighed	Offsite in Ireland	46/03/CKWMC 183/03	,Ireland
								Green Dragon Recycling,CK(S)	Glanmire,.,Cork,.
Within the Country	15 01 04	No	4.92 Beverage cans	R13	M	Weighed	Offsite in Ireland	46/03/CKWMC 183/03	,Ireland
									.,.,Limerick,.,Irela
Within the Country	15 01 07	No	118.3 glass packaging	R5	M	Weighed	Offsite in Ireland	Mr Binman Limerick ,W0061-02	nd
									Swords, Dublin, C
Within the Country	16 06 01	Yes	3.3 lead batteries	R6	M	Weighed	Offsite in Ireland	KMK Metals,WMC 84/01	o. Cork,.,Ireland
			alkaline batteries						Swords, Dublin, C
Within the Country	16 06 04	No	1.5 (except 16 06 03)	R4	M	Weighed	Offsite in Ireland	KMK Metals,WMC 84/01	o. Cork,.,Ireland
			mixture of concrete,						
			bricks, tiles and						
			ceramics other than						
			those mentioned in 17					Ballineen Skip Hire,WFP CK 10-	Ballineen,.,Cork,.
Within the Country	17 01 07	No	167.64 01 06	R13	M	Weighed	Offsite in Ireland	0054-C1	,Ireland
			gypsum-based						
			construction materials						
			other than those					Gypsum Recycling Ireland,WMP	
Vithin the Country	17 08 02	No	13.4 mentioned in 17 08 01	R5	M	Weighed	Offsite in Ireland	238/2006	.,.,.,Ireland
									Glanmire,.,Cork,.
Within the Country	20 01 01	No	199.06 Paper	R13	M	Weighed	Offsite in Ireland	Green Star,W0136-02	,Ireland
									.,.,Laoise,.,Irelan
Vithin the Country	20 01 02	No	14.78 Flat glass	R13	M	Weighed	Offsite in Ireland	MSM ( Eclipse ) ,00/5 CKWMC	d
lithin the Country	20 01 11	No	7.48 textiles	R3	M	Weighed	Offsite in Ireland	Textile Ireland Ltd,.	.,.,.,Ireland
Vithin the Country	20 01 11	No	5.8 textiles	R3	M	Weighed	Offsite in Ireland	St. Vincent De Paul,.	.,.,.,Ireland
,						5			.,.,Limerick,.,Irela
Within the Country	20 01 11	No	8.6 textiles	R3	М	Weighed	Offsite in Ireland	Enable Ireland ,.	nd
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			fluorescent tubes and						
			other mercury-						Swords.Dublin.C
Vithin the Country	20 01 21	Yes	0.84 containing waste	R4	М	Weighed	Offsite in Ireland	KMK Metals, WMC 84/01	o. Cork,,,Ireland
, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						J		, , , , , , , , , , , , , , , , , , , ,	Unit 1 GB
									Business
									park,Little
									Island,Cork,.,Irel
Vithin the Country	20 01 25	No	1.2 edible oil and fat	R9	М	Weighed	Offsite in Ireland	Frylite,WFP-CK-1100-92	and
		***	IL Caloic on and lat					,, 2. 2200 32	
			paint, inks, adhesives						Port
			and resins containing						laoise,.,Laoise,.,I
o Other Countries	20 01 27	Yes	12.66 dangerous substances	R5	M	Weighed	Abroad	Enva ,IPC472 WMC16/01	celand
		. 22				5		,	
			discarded electrical and						
			electronic equipment						
			other than those						
			mentioned in 20 01 21.						Swords.Dublin.C
Vithin the Country	20 01 36	No	204.32 20 01 23 and 20 01 35	R13	М	Weighed	Offsite in Ireland	KMK Metals,WMC 84/01	o. Cork,.,Ireland
the Country	23 01 00	140	204.32 20 01 23 dilu 20 01 33		IVI	.voignou	Offsite in freiallu	Million Wictins, Wivic 04/01	Kinsale
			wood other than that						rd,.,Cork,.,Irelan
Vithin the Country	20 01 38	No	148.96 mentioned in 20 01 37	B3	М	Weighod	Offsite in Ireland	CTO,W0012-02	d d
within the Country	20 01 30	INU	146.90 Mentioned in 20 01 37	N.S	IVI	Weighed	Offsite in freiand	C10,W0012-02	
								Pouladuff Dismantlers,WM(P)	Forge
Mithin the Country	20.01.42	No	100.00	D4		Majakad	Official in testing of		Hill,.,Cork,.,Irelan
Within the Country	20 01 40	No	100.92 metals	R4	М	Weighed	Offsite in Ireland	08/01	d
Allahir the Orient	00.00.04	NI-	24.0.0	22		Martin	Official in tests	D	Athy,.,Kildare,.,Ir
Vithin the Country	20 02 01	No	81.0 Green waste	R3	M	Weighed	Offsite in Ireland	Bord na Mona,W0198-01;	eland
							ATT 11		Glanmire,.,Cork,.
Within the Country	20 03 01	No	628.0 mixed municipal waste	D1	M	Weighed	Offsite in Ireland	Green Star,W0136-02	,Ireland
								Ballineen Skip Hire,WFP CK 10-	Ballineen,.,Cork,.
Vithin the Country	20 03 07	No	103.24 bulky waste	R3	M	Weighed	Offsite in Ireland	0054-C1	,Ireland
									Glanmire,.,Cork,.
Vithin the Country	20 03 07	No	295.04 bulky waste	R3	M	Weighed	Offsite in Ireland	Green Star,W0136-02	,Ireland

VASTE SUMMARY	/				Lic No:	W0142-01		Year	2013	3		_
/ithin the Country	16 06 02	Yes * Select a row by double-clicking the De-		Ni-Cd batteries	R4	М	Weighed	Offsite in Ireland	KMK Metals,WMC 84/01	Swords,Dublin,C o. Cork,.,Ireland		
		Select a row by double-clicking the ber	scription of waste tren click the de	siete potton								
ECTION B- WAST	E ACCEPTED ONTO SITE-TO	BE COMPLETED BY ALL II	PPC AND WASTE FAC	ILITIES		]	Additional Information	on.				
oundaries is to be capt	ted onto your site for recovery or di cured through PRTR reporting)	isposal or treatment prior to reco	overy or disposal within the	boundaries of your facilit	y ?; (waste generated within your	No						
yes please enter detai	ls in table 1 below ejected consignments of waste in th	ne current reporting year? If yes p	please give a brief explanati	on in the additional infor	mation	No						
	te accepted onto your site that was					No						
					ide wastes generated at yo					•		_
Licenced annual connage limit for your site (total tonnes/annum)	European Waste Catalogue EWC	Source of waste accepted	accepted Please enter an accurate and detailed description - which European Waste	Quantity of waste accepted in current reporting year (tonnes)	Quantity of waste accepted in previous reporting year (tonnes)	Reduction/Incr ease over previous year +/ - %	Reason for reduction/increase from previous reporting year	Packaging Content (%)- only applies if the waste has a packaging component	Disposal/Recovery or treatment operation carried out at your site and the description of this operation	Quantity of waste remaining on site at the end of reporting year (tonnes)	Comments -	
	codes		Catalogue EWC codes									
	COMPLETED BY ALL WASTE		·		ery facilities etc) EXCEPT LAND ucture required onsite	Yes Yes						
all waste processing in		ence and approved by the Agenc	cy in place? If no please list v	waste processing infrastri	ucture required onsite	Yes						
all waste processing in	nfrastructure as required by your lic	cence and approved by the Agenc	cy in place? If no please list v	waste processing infrastri	ucture required onsite	Yes Yes Yes						
all waste processing in all waste storage infra oes your facility have r o you have an odour m	nfrastructure as required by your lic sstructure as required by your licenc relevant nuisance controls in place? nanagement system in place for you	rence and approved by the Agence	cy in place? If no please list v	waste processing infrastri	ucture required onsite	Yes Yes Yes Yes N/A						
all waste processing in all waste storage infra oes your facility have r o you have an odour n o you maintain a sludg	nfrastructure as required by your lic istructure as required by your licence relevant nuisance controls in place? nanagement system in place for you e register on site?	rence and approved by the Agency in ce and approved by the Agency in ur facility? If no why?	cy in place? If no please list v	waste processing infrastri	ucture required onsite	Yes Yes Yes						
all waste processing in all waste storage infra oes your facility have ro o you have an odour no o you maintain a sludg	nfrastructure as required by your licent structure as required by your licent relevant nuisance controls in place? nanagement system in place for you re register on site?	cence and approved by the Agency in the Agency in the Agency in facility? If no why?	cy in place? If no please list v	waste processing infrastri	ucture required onsite	Yes Yes Yes Yes N/A						
all waste processing in all waste storage infra oes your facility have ro o you have an odour no o you maintain a sludg	nfrastructure as required by your lic istructure as required by your licence relevant nuisance controls in place? nanagement system in place for you e register on site?	cence and approved by the Agency in the Agency in the Agency in facility? If no why?	cy in place? If no please list v	waste processing infrastri	ucture required onsite	Yes Yes Yes Yes N/A						
all waste processing in all waste storage infra oes your facility have ro o you have an odour no o you maintain a sludg	nfrastructure as required by your licent structure as required by your licent relevant nuisance controls in place? nanagement system in place for you re register on site?	ce and approved by the Agency in a facility? If no why?	ey in place? If no please list was n place? If no please list was need to be a capacity at end of	waste processing infrastri	ucture required onsite	Yes Yes Yes Yes N/A						
all waste processing in all waste storage infra oes your facility have ro you have an odour no you maintain a sludg ECTION D-TO BE able 2 Waste types permitted	infrastructure as required by your licence instructure as required by your licence relevant nuisance controls in place? anangement system in place for you register on site?  COMPLETED BY LANDFILL See and tonnage-landfill only  Authorised/licenced annual intake	ce and approved by the Agency in a case and approved by the Agency in a facility? If no why?	ey in place? If no please list was n place? If no please list was need to be a capacity at end of	waste processing infrastructure	ucture required onsite	Yes Yes Yes Yes N/A						
all waste processing in all waste storage infra oes your facility have ro you have an odour no you maintain a sludg ECTION D-TO BE able 2 Waste types permitted	infrastructure as required by your licence instructure as required by your licence relevant nuisance controls in place? anangement system in place for you register on site?  COMPLETED BY LANDFILL See and tonnage-landfill only  Authorised/licenced annual intake	ce and approved by the Agency in a case and approved by the Agency in a facility? If no why?	ey in place? If no please list was n place? If no please list was need to be a capacity at end of	waste processing infrastructure	ucture required onsite	Yes Yes Yes Yes N/A						
all waste processing in all waste storage infra oes your facility have ro o you have an odour no you maintain a sludg ECTION D-TO BE able 2 Waste typ	infrastructure as required by your licence instructure as required by your licence relevant nuisance controls in place? anangement system in place for you register on site?  COMPLETED BY LANDFILL See and tonnage-landfill only  Authorised/licenced annual intake	ce and approved by the Agency in a case and approved by the Agency in a facility? If no why?	ey in place? If no please list was n place? If no please list was need to be a capacity at end of	waste processing infrastructure	ucture required onsite	Yes Yes Yes Yes N/A						
all waste processing in all waste storage infra oes your facility have ro o you have an odour no you maintain a sludg ECTION D-TO BE able 2 Waste typ	infrastructure as required by your licent instructure as required by your licent relevant nuisance controls in place? nanagement system in place for you re register on site? COMPLETED BY LANDFILL S e and tonnage-landfill only Authorised/licenced annual intake for disposal (tpa)	ce and approved by the Agency in a case and approved by the Agency in a facility? If no why?	ey in place? If no please list was n place? If no please list was need to be a capacity at end of	waste processing infrastructure	ucture required onsite	Yes Yes Yes Yes N/A N/A Predicted date to cease	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
all waste processing in all waste storage infra oes your facility have ro you have an odour m oyou maintain a sludg ECTION D-TO BE able 2 Waste type Waste types permitted for disposal	nfrastructure as required by your licence structure as required by your licence relevant nuisance controls in place? anangement system in place for you register on site?  COMPLETED BY LANDFILL See and tonnage-landfill only Authorised/licenced annual intake for disposal (tpa)  formation-Landfill only	ce and approved by the Agency in a facility? If no why?  SITES ONLY  Actual intake for disposal in reporting year (tpa)	Remaining licensed capacity at end of reporting year (m3)	waste processing infrastructure ste storage infrastructure  Comments  Private or Public	ucture required onsite required on site	Yes Yes Yes N/A N/A Predicted date				area occupied by	area occupied by	Unlined area SELECT UNIT

WASTE SUMMARY					Lic No:	W0142-01		Year	
Table 4 Environme	ental monitoring-landfill on	Landfill Manual-Monitoring Stan			*	•			
standard in reporting	as meterological milotring in upliance with upliance with upliance with LD standard in reporting compliance with LD standard in reporting compliance with LD standard in reporting compliance with LD standard in reporting laws SW monitored in complia				Were emission limit values agreed with the Agency (ELVs)	the site surveyed in	Has the statement under S53(A)(5) of WMA been submitted in reporting year	Comments	
,			y		and regardy (control)	- cp - mag y - m	- Pro tang yan		
.+ please refer to Landfil	Manual linked above for relevant	Landfill Directive monitoring stan	dards		J.				
Table 5 Capping-La	andfill only								
Area uncapped*	Area with temporary cap			Area with waste that should be permanently					
SELECT UNIT	SELECT UNIT	Area with final cap to LD Standard m2 ha, a	Area capped other	capped to date under licence	What materials are used in the cap	Comments			
							1		

\*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

SELECT SELECT

	V-l	Leachate (BOD) mass load	Leachate (COD) mass load	Leachate (NH4) mass	Leachate (Chloride)		Specify type of leachate	
		,	,	load (kg/annum)	mass load kg/annum	Leachate treatment on-site		Comments
Ì	r op a rang y and (ana)	(	(cog amount)	(-g/a)				

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

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