Facility Information Sum	ımary		
AER Reporting Year	2016	_	
Licence Register Number	W0175-01		
Name of site		Athy Civic A	Amenity Centre
Site Location		Gallows Hill,	Athy, Co. Kildare
NACE Code			3821
Class/Classes of Activity	Third Schedule \	NMA: Class 1	1, 12, 13. Fourth Schedule WMA:
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			

Athy Civic Amenity Centre is a purpose built waste management facility for members of the public to dispose of and recycle waste. The facility opens three days a week, Thursday to Saturday. A concession contract for the operation of the Civic Amenity Centre was awarded to AES Ireland Ltd on 8th September 2016, Oxigen Environmental had been running the site from January 2016 to 8th September 2016. Kildare County Council retains responsibility for the waste licence.

Declaration:

water, noise.

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,

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.

Signature Date
Group/Facility manager

(or nominated, suitably qualified and experienced deputy)

	AIR-summary template	Lic No:	W0175-01	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	SELECT			
3	Was all monitoring carried out in accordance with EPA guidance note AG2 and using the basic air monitoring checklist? checklist AGN2	SELECT			
	Table A1: Licensed Mass Emissions/Ambient data-periodic monitoring (non-continuous)				
					Comments -

										reason for
										change in %
										mass load
										from
			ELV in licence or							previous
Emission		Frequency of	any revision			Unit of	Compliant with		Annual mass	year if
reference no:	Parameter/ Substance	Monitoring	therof	Licence Compliance criteria	Measured value	measurement	licence limit	Method of analysis	load (kg)	applicable
	SELECT			SFLECT		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:	W0175-01		Year	2016	
	Continuous M	lonitoring								
4 Does your site ca	rry out continuous air emiss	ions monitoring?			SELECT					
If yes please revi	•	ring data and report the relevant Emission Limit		elow in Table A2 and compar	re				1	
5 Did continuous m	onitoring equipment experie	ence downtime? If yes	please record dow	vntime in table A2 below	SELECT					
6 Do you have a pro	pactive service agreement fo	r each piece of continu	ous monitoring ed	quipment?	SELECT					
•	site experience any abateme			them in table A3 below	SELECT					
Table A2: Sum	nmary of average emis	ssions -continuous	s monitoring							
Emission reference no:	Parameter/ Substance	A	Averaging Period	Compliance Criteria	Units of measurement	Annual Emission	Annual maximum	Monitoring Equipment	Number of ELV exceedences in	Comments

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

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

Table A3: Abatement system bypass reporting table

Bypass protocol

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

^{*} this should include all dates that an abatement system bypass occurred

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

AIR-summary	template				Lic No:	W0175-01		Year	2016	
Solvent	t use and manageme	nt on site								
							T			ł
Do vou have a tota	l Emission Limit Value of d	irect and fugitive emis	ssions on site? if ve	please fill out tables A4 and A5						
,			,				SELECT			
Table A4: Solve	ent Management Pla	n Summary	<u>Solvent</u>	Please refer to linked solven						İ
Total VOC Emi	ssion limit value		regulations	complete table 5	and 6					
										İ
										İ
Reporting year	Total solvent input on	Total VOC	Total VOC		Compliance					
	site (kg)	emissions to Air from entire site	emissions as %of solvent input	Total Emission Limit Value						1
		(direct and fugitive)	Solvene input	(ELV) in licence or any revision						İ
				therof						İ
					SELECT					İ
					SELECT					İ
Table A5:	Solvent Mass Balance	ce summary		•	•	-				İ
	(I) Inputs (kg)			(O)	Outputs (kg)					İ
										İ
										İ
Solvent	(I) Inputs (kg)	Organic solvent		Collected waste solvent (kg)	Fugitive Organic	Solvent released	Solvents destroyed			
	(i) inputs (ng)	emission in waste	water (kg)		Solvent (kg)	in other ways e.g.	onsite through	Solvent to air (kg)		l
									1	
	I	I	I	I	1	1	Total			
							Total		l	1

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER) W0175-01 2016 Lic No: Year 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 <u>only</u> need to complete table Monitoring locations SW1 and SW2 were dry during each monitoring event W1 and or W2 for storm water analysis and visual inspections therefore no samples were available. Yes Was it a requirement of your licence to carry out visual inspections on any surface water 2 discharges or watercourses on or near your site? If yes please complete table W2 below summarising only any evidence of contamination noted during visual inspections SELECT

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
	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)

3	Was there any result in breach of licence requirements? If y comment section of Table W		rief details in the	No	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	Yes	

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		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
WW1	Vastewater/Sewe	pH	discrete	Bi-annual	SELECT		SELECT	7.2	pH units	yes	pH Meter (Electrode)	APHA / AWWA			
WW1	Vastewater/Sewe	BOD	discrete	Bi-annual				16	mg/L	yes	TCMP Nitrification inh	APHA / AWWA			
WW1	Wastewater/Sewe	COD	discrete	Bi-annual				92	mg/L	yes	stion + Spectrophoton	APHA / AWWA			
WW1	Wastewater/Sewe	Fats, Oils and Greases	discrete	Bi-annual				<1	mg/L	yes	Titration	APHA / AWWA			
WW1	Wastewater/Sewe	Suspended Solids	discrete	Bi-annual				32	mg/L	yes	Gravimetric analysis	APHA / AWWA			
WW1	Wastewater/Sewe	Total nitrogen	discrete	Bi-annual				40	mg/L	yes	Other Konelab	Other ENV 12260			
WW1	Wastewater/Sewe	Total phosphorus	discrete	Bi-annual				2.75	mg/L	yes	Other Konelab	APHA / AWWA			
WW1	Wastewater/Sewe	pН	discrete	Bi-annual				7.5	pH units	yes	pH Meter (Electrode)	APHA / AWWA			
WW1	Wastewater/Sewe	BOD	discrete	Bi-annual				<2	mg/L	yes	TCMP Nitrification inh	APHA / AWWA			
WW1	Wastewater/Sewe	COD	discrete	Bi-annual				44	mg/L	yes	stion + Spectrophoton	APHA / AWWA			
WW1	Vastewater/Sewe	Fats, Oils and Greases	discrete	Bi-annual				<1	mg/L	yes	Titration	APHA / AWWA			
WW1	Vastewater/Sewe	Suspended Solids	discrete	Bi-annual				10	mg/L	yes	Gravimetric analysis	APHA / AWWA			
WW1	Wastewater/Sewe	Total nitrogen	discrete	Bi-annual				<1	mg/L	yes	Other Konelab	Other ENV			
WW1	Vastewater/Sewe	Total phosphorus	discrete	Bi-annual				2.6	mg/L	yes	Other Hach	APHA / AWWA "Standard Methods"			

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:	W0175-01	Year	2016	
Continuous monitoring 5 Does your site carry out continuous emissions to water/sewer monitoring?	No	Additional Information	n		
If yes please summarise your continuous monitoring data below in Table W4 and compare it to its relevant Emission Limit Value (ELV)					
$6 \; \frac{\text{Did continuous monitoring equipment experience downtime? If yes please record downtime in table W4 below}$	SELECT				
	SELECT				
	SELECT				
Table W4: Summary of average emissions -continuous monitoring					

Emission reference no:	Emission released to		ELV or trigger values in licence or any revision thereof		Compliance Criteria			 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				When was this report
			emissions	bypass	action*	submitted to the	submitted?
						EPA?	
						SELECT	

^{*}Measures taken or proposed to reduce or limit bypass frequency

	ting template				Lic No:	W0175-01		Year	2016	5]
Bund testing	Ī	dropdown menu cl	ick to see options				Additional information							
	ur licence to undertake i	integrity testing on bunds and cor	ntainment structures ? if yes	please fill out table B1 belo	ow listing all new bunds									
and containment struct	tures on site, in addition	to all bunds which failed the inte	egrity test-all bunding structu	res which failed including										
listed in the table below	v, please include all bun	nds outside the licenced testing p	eriod (mobile bunds and cher	nstore included)		SELECT								
Please provide integrity	testing frequency perio	od				SELECT								
		derground pipelines (including sto	rmwater and foul), Tanks, su	mps and containers? (cont	ainers refers to									
"Chemstore" type units						SELECT								
How many of these bur		thin the required test schedule?						-						
How many mobile bund		tilli the required test schedule:						1						
	ncluded in the bund test	t schedule?				SELECT								
		sted within the required test scho	edule?											
How many sumps on sit								4						
	nps are integrity tested v tegrity failures in table E	within the test schedule?				ļ	1	1						
L Do all sumps and chaml						SELECT		1						
		d in a maintenance and testing pr	rogramme?			SELECT								
Is the Fire Water Reten	tion Pond included in yo	our integrity test programme?				SELECT		_						
Taki	a R1: Summany details of	f bund /containment structure in	tearity test	1										
Table	Da. Julimary details of	. Dana / containment structure III	cepticy test											
														Results of
									Integrity reports					retest(if in
Bund/Containment									maintained on		Integrity test failure		Scheduled date	
structure ID	Туре	Specify Other type	Product containment	Actual capacity	Capacity required*	Type of integrity test	Other test type	Test date	site?		explanation <50 words	Corrective action taken		reporting year
	SELECT					SELECT			SELECT	SELECT		SELECT		
	SELECT y with 25% or 110% containment r					SELECT			SELECT	SELECT		SELECT		
		rule as detailed in your licence lance with licence requirements a	nd are all structures tested				Commentary	7						
in line with BS8007/EPA				bunding and storage guide	lines	SELECT								
		inment systems tested?				SELECT								
Are channels/transfer s	systems compliant in bot	th integrity and available volume	?			SELECT								
Pipeline/undergrou	und structure testing													
		_												
	ir licence to undertake i			umps etc ? if ves please fil	I out table 2 below listing									
					**** *********************************	CELECT								
all underground structu	ires and pipelines on site	e which failed the integrity test a			test period as specified	SELECT								
all underground structu Please provide integrity	res and pipelines on site testing frequency perio	e which failed the integrity test a od	nd all which have not been to	ested withing the integrity	test period as specified	SELECT SELECT								
all underground structu Please provide integrity *please note integrity t	res and pipelines on site testing frequency perio esting means water tigh	e which failed the integrity test a od ntness testing for process and fou	nd all which have not been to I pipelines (as required under	ested withing the integrity	test period as specified									
all underground structu Please provide integrity *please note integrity t	res and pipelines on site testing frequency perio esting means water tigh	e which failed the integrity test a od	nd all which have not been to I pipelines (as required under	ested withing the integrity	test period as specified							n		
all underground structu Please provide integrity *please note integrity t	res and pipelines on site testing frequency perio esting means water tigh	e which failed the integrity test a od ntness testing for process and fou	nd all which have not been to I pipelines (as required under	ested withing the integrity	test period as specified									
all underground structu Please provide integrity *please note integrity t	res and pipelines on site testing frequency perio esting means water tigh	e which failed the integrity test a od ntness testing for process and fou	nd all which have not been to I pipelines (as required under	ested withing the integrity your licence)	test period as specified									
all underground structu Please provide integrity *please note integrity t	res and pipelines on site testing frequency perio esting means water tigh	e which failed the integrity test a od ntness testing for process and fou	nd all which have not been to I pipelines (as required under	your licence) Type of secondary	test period as specified									
all underground structu Please provide integrity *please note integrity t	res and pipelines on site testing frequency perio esting means water tigh	e which failed the integrity test a od ntness testing for process and fou	nd all which have not been to I pipelines (as required under integrity test	ested withing the integrity your licence)	test period as specified	SELECT		Integrity test						
all underground structu Please provide integrity Pplease note integrity t Table I	rres and pipelines on site t testing frequency perior esting means water tigh 82: Summary details of p	e which failed the integrity test a dot do the strength of the	nd all which have not been to I pipelines (as required under integrity test Does this structure have	your licence) Type of secondary		SELECT Integrity reports		failure explanation			Results of retest(if in current			
all underground structu Please provide integrity t 'please note integrity t Table I Structure ID	rres and pipelines on site testing frequency perio setting means water tigh B2: Summary details of g	e which failed the integrity test a dot these testing for process and four pipeline/underground structures in the structures in the structures in the structures in the structures in the structures in the structures in the structures in the structures in the structures in the structures in the structures in the structure in the	nd all which have not been to I pipelines (as required under integrity test Does this structure have Secondary containment?	your licence) Type of secondary containment	Type integrity testing	SELECT Integrity reports maintained on site?	Results of test		Corrective action taken	Scheduled date for retest	reporting year)			
all underground structure Please provide integrity *please note integrity t Table I Structure ID	rres and pipelines on site t testing frequency perior esting means water tigh 82: Summary details of p	e which failed the integrity test a dot do the strength of the	nd all which have not been to I pipelines (as required under integrity test Does this structure have	your licence) Type of secondary		SELECT Integrity reports	Results of test SELECT	failure explanation						
all underground structure Please provide integrity *please note integrity t Table I Structure ID	rres and pipelines on site testing frequency perio setting means water tigh B2: Summary details of g	e which failed the integrity test a dot these testing for process and four pipeline/underground structures in the structures in the structures in the structures in the structures in the structures in the structures in the structures in the structures in the structures in the structures in the structures in the structure in the	nd all which have not been to I pipelines (as required under integrity test Does this structure have Secondary containment?	your licence) Type of secondary containment	Type integrity testing	SELECT Integrity reports maintained on site?		failure explanation			reporting year)			
all underground structure Please provide integrity t *please note integrity t Table I Structure ID	rres and pipelines on site testing frequency perio setting means water tigh B2: Summary details of g	e which failed the integrity test a dot these testing for process and four pipeline/underground structures in the structures in the structures in the structures in the structures in the structures in the structures in the structures in the structures in the structures in the structures in the structures in the structure in the	nd all which have not been to I pipelines (as required under integrity test Does this structure have Secondary containment?	your licence) Type of secondary containment	Type integrity testing	SELECT Integrity reports maintained on site?		failure explanation			reporting year)			
Please provide integrity *please note integrity t Table I	rres and pipelines on site testing frequency perio setting means water tigh B2: Summary details of g	e which failed the integrity test a dot these testing for process and four pipeline/underground structures in the structures in the structures in the structures in the structures in the structures in the structures in the structures in the structures in the structures in the structures in the structures in the structure in the	nd all which have not been to I pipelines (as required under integrity test Does this structure have Secondary containment?	your licence) Type of secondary containment	Type integrity testing	SELECT Integrity reports maintained on site?		failure explanation			reporting year)			
all underground structu Please provide integrity t *please note integrity t Table I Structure ID	rres and pipelines on site testing frequency perio setting means water tigh B2: Summary details of g	e which falled the integrity test a dot these testing for process and four pipeline/underground structures in the structures in the structures in the structures in the structures in the structures in the structures in the structures in the structures in the structures in the structures in the structures in the structure in the	nd all which have not been to I pipelines (as required under integrity test Does this structure have Secondary containment?	your licence) Type of secondary containment	Type integrity testing	SELECT Integrity reports maintained on site?		failure explanation			reporting year)			
all underground structure Please provide integrity *please note integrity t Table I Structure ID	rres and pipelines on site testing frequency perio setting means water tigh B2: Summary details of g	which failed the integrity test a dotness testing for process and four pipeline/underground structures in the structures in the structures in the structure in	nd all which have not been to I pipelines (as required under integrity test Does this structure have Secondary containment? SELECT	your licence) Type of secondary containment SELECT	Type integrity testing SELECT	SELECT Integrity reports maintained on site?		failure explanation			reporting year)			
Ill underground structu Please provide integrity please note integrity t Table I Structure ID	rres and pipelines on site testing frequency perio setting means water tigh B2: Summary details of g	which failed the integrity test a dotness testing for process and four pipeline/underground structures in the structures in the structures in the structure in	nd all which have not been to I pipelines (as required under integrity test Does this structure have Secondary containment?	your licence) Type of secondary containment SELECT	Type integrity testing SELECT	SELECT Integrity reports maintained on site?		failure explanation			reporting year)			

Groundwater/Soil monitoring template Lic No: W0175-01 Year 2016

Comments

		omments	
Are you required to carry out groundwater monitoring as part of your licence requirements?	no	Please	provide an interpretation of groundwater monitoring data in the
2 Are you required to carry out soil monitoring as part of your licence requirements?	no	inte	erpretation box below or if you require additional space please
Do you extract groundwater for use on site? If yes please specify use in comment		i	nclude a groundwater/contaminated land monitoring results
section	no		interpretaion as an additional section in this AER
Do monitoring results show that groundwater generic assessment criteria such as GTVs or IGVs are exceeded or is 4 there an upward trend in results for a substance? If yes, please complete the Groundwater Monitoring Guideline Template Report (link in cell G8) and submit separately through ALDER as a licensee return AND answer questions 5-12 below. Croundwater 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	Sample	Parameter/		Monitoring	Maximum	Average		CT\/!-*		Upward trend in pollutant concentration over last 5 years
sampling	reference	Substance	Methodology	frequency	Concentration++	Concentration+	unit	GTV's*	SELECT**	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

			0						
									Upward trend in
									yearly average
									pollutant
Sample									concentration
location	Parameter/		Monitoring	Maximum	Average				over last 5 years
reference	Substance	Methodology	frequency	Concentration	Concentration	unit	GTV's*	SELECT**	of monitoring data
						SELECT			SELECT
						SELECT			SELECT
	Sample location	Sample location Parameter/	Sample location Parameter/	Sample location Parameter/ Monitoring	Sample location Parameter/ Monitoring Maximum	Sample location reference Substance Methodology Monitoring Maximum Average Concentration Concentration	Sample location Parameter/ reference Substance Methodology frequency Concentration Concentration unit	Sample location reference Substance Methodology Methodology Methodology Methodology Grequency Concentration Average Concentration Unit GTV's*	Sample location reference Substance Methodology Methodology Methodology Methodology Methodology Methodology Methodology Methodology Methodology Select*

Groundwater/Soil monitoring template	Lic No: W0175-0	L Year	2016		
*please note exceedance of generic assessment criteria (GAC) such as a Groundwater trend in results for a substance indicates that further interpretation of monitoring i complete the Groundwater Monitoring Guideline Template Report at the link prov otherwise instructed by	esults is required. In addition to d ded and submit separately throug	ompleting the above table, please	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 Manage	nent of Contaminated Land and Groundwa	rater at EPA Licensed Sites (EPA 201.	<u>3).</u>	
**Depending on location of the site and proximity to other sensitive receptors alternate to the GTV e.g. if the site is close to surface water compare to Surface Water Environm supply compare results to the Drinking	ental Quality Standards (SWEQS)				Interim Guidel Values (IGV)

Groundwater/Soil monitoring template	Lic No:	W0175-01	Year	2016	
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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: W0175-01 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 Programm	e template	Lic No:	W0175-01	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				
SELECT		SELECT		SELECT	SELECT				
SELECT		SELECT		SELECT	SELECT				
SELECT		SELECT		SELECT	SELECT				

Noise monitoring summary report	Lic No:	W0175-01	Year	2016
1 Was noise monitoring a licence requirement for the AER period?		Yes		
If yes please fill in table N1 noise summary below			_	
	Noise			
2 Was noise monitoring carried out using the EPA Guidance note, including completion of the	<u>Guidance</u>	Yes		
"Checklist for noise measurement report" included in the guidance note as table 6?	note NG4			
3 Does your site have a noise reduction plan		No		
4 When was the noise reduction plan last updated?		Enter date		
Have there been changes relevant to site noise emissions (e.g. plant or operational changes) s	since the last	No		
noise survey?				
Table M4. Alaisa manifesia ammana				

Table N1: Noi	ble N1: Noise monitoring summary										
Date of monitoring		Noise location (on site)	Noise sensitive location -NSL (if applicable)	LA_{eq}	LA ₉₀	LA ₁₀	LA _{max}	•	If tonal /impulsive noise was	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is <u>site</u> compliant with noise limits (day/evening/night)?
24/11/2016	30 mins	N 1	N/A	51.1	46	53.5	70.1	No	SELECT	Traffic, petrol station	Yes
24/11/2016	30 mins	N 2	N/A	52.6	43.3	52.6	77.7	No		Traffic,machinery in distance	Yes
15/12/2016	30 mins	S 1	Yes	53.4	49.8	55.5	65.6	No		Traffic, dog barking	Yes
15/12/2016	30 mins	S 2	Yes	52.6	47.2	55.4	69	No		Traffic	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)	

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

Setwork

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

Network

Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percur-

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

	Additional information
Enter date of audit	
No	
SELECT	

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)	73400	73400		
Total Energy Generated (MWHrs)				
Total Renewable Energy Generated (MWHrs)			
Electricity Consumption (MWHrs)				
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)				
Light Fuel Oil (m3)	1500	1500		
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		
						Volume used i.e not	
				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(m³yr):	m3/yr	Unaccounted for Water:
Groundwater							
Surface water							
Public supply	1000	1000					
Recycled water							
Total							

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

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

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

Resourc	source Usage/Energy efficiency summary				Lic No:	W0175-01		Year	2016
	Table R4: Energy Audit finding recommendations								
	Date of audit		Description of Measures proposed		Predicted energy savings %	Implementation date	Responsibility		Status and comments
				SELECT					
				SELECT					
				SELECT					

Table R5: Power Generation: Where r	ower is generated onsite (e.g. power ge	eneration facilities/food and drink indu	ustry)please complete the following information

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

Complaints and Incidents summary template		Lic No:	W0175-01	Year	2016	
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 helow	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
Dute	SELECT	other type (piease speary)	Wordsy	Words	SELECT	nesoration date	mormation
	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	rting year? Please list all inci	dents for current reporting		
year in Tal	ole 2 below	_	SELECT	
*For information on how to report and what	What is an incident			

year % reduction/ increase

Table 2 Incidents sur	nmary		1											
			Incident			Other	Activity in				Preventative			
			category*please refer to			cause(please	progress at			Corrective action<20	action <20		Resolution	Likelihood 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														
incidents previous														

VASTE SUMMARY					Lic No:	W0175-01		Year	2016	i .	
	ON SITE WASTE TREATMENT AND	WASTE TRANSFERS TAB	TO BE COMPLETED	BY ALL IPPC AND W		PRTR facility logor	<u>1</u>		list click to see options		
ECTION B- WAST	E ACCEPTED ONTO SITE-TO BE CO	OMPLETED BY ALL IPPC A	ND WASTE FACILITIE	S			Additional Information	_			
Vere any wastes accept	ted onto your site for recovery or disposal o	or treatment prior to recovery or	disposal within the bounda	aries of your facility ?; (wa	aste generated within your boundaries		Additional informatio	n			
to be captured throug	gh PRTR reporting)					N/A					
		26	to a last of a contample of the sta			No					
nu your site nave any r	ejected consignments of waste in the curre	ent reporting years it yes please g	ve a brief explanation in ti	ie additional information		NO					
	waste accepted onto your site that was ger of waste accepted onto your					N/A te as these w	vill have heen r	enorted in vour l	PRTR workhook)		
Licenced annual tonnage limit for your site (total tonnes/annum)	European Waste Catalogue EWC codes	Source of waste accepted	Description of waste	Quantity of waste accepted in current reporting year (tonnes)	Quantity of waste accepted in previous reporting year (tonnes)	Reduction/ Increase 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	Quantity of waste remaining on site at the end of reporting year (tonnes)	Comments -
ECTION C-TO BE	COMPLETED BY ALL WASTE FACII	LITIES (waste transfer sta	tions, Composters, N	Naterial recovery fa	cilities etc) EXCEPT LANDFILL S	ITES	I				
	COMPLETED BY ALL WASTE FACION IN THE PROPERTY OF THE PROPERTY	·		·	•	SELECT					
all waste processing ir		nd approved by the Agency in pla	ce? If no please list waste p	processing infrastructure r	equired onsite						
all waste processing in all waste storage infra	nfrastructure as required by your licence ar sstructure as required by your licence and a relevant nuisance controls in place?	nd approved by the Agency in pla approved by the Agency in place?	ce? If no please list waste p	processing infrastructure r	equired onsite	SELECT SELECT					
all waste processing in all waste storage infra	nfrastructure as required by your licence an istructure as required by your licence and a relevant nuisance controls in place? nanagement system in place for your facilit	nd approved by the Agency in pla approved by the Agency in place?	ce? If no please list waste p	processing infrastructure r	equired onsite	SELECT					
all waste processing in all waste storage infra roes your facility have i to you have an odour r to you maintain a sludg	nfrastructure as required by your licence an istructure as required by your licence and a relevant nuisance controls in place? nanagement system in place for your facilit ge register on site?	nd approved by the Agency in pla approved by the Agency in place? ty? If no why?	ce? If no please list waste p	processing infrastructure r	equired onsite	SELECT SELECT SELECT SELECT					
all waste processing in all waste storage infratoes your facility have to you have an odour no you maintain a sludg	nfrastructure as required by your licence an istructure as required by your licence and a relevant nuisance controls in place? nanagement system in place for your facilit	nd approved by the Agency in pla approved by the Agency in place? ty? If no why?	ce? If no please list waste p	processing infrastructure r	equired onsite	SELECT SELECT SELECT SELECT					
all waste processing in all waste storage infratoes your facility have to you have an odour no you maintain a sludg	nfrastructure as required by your licence an instructure as required by your licence and a relevant nuisance controls in place? nanagement system in place for your facilit ge register on site?	nd approved by the Agency in pla approved by the Agency in place? ty? If no why?	re? If no please list waste p If no please list waste stor. Remaining licensed capacity at end of	processing infrastructure r	equired onsite	SELECT SELECT SELECT SELECT					
all waste processing in all waste storage infratoes your facility have to you have an odour roo you maintain a sludgetCTION D-TO BE Table 2 Waste type	infrastructure as required by your licence and a structure as required by your licence and a relevant nuisance controls in place? nanagement system in place for your facility ge register on site? COMPLETED BY LANDFILL SITES (e and tonnage-landfill only Authorised/licenced annual intake for	approved by the Agency in place? ty? If no why? ONLY Actual intake for disposal in	re? If no please list waste p If no please list waste stor. Remaining licensed capacity at end of	rocessing infrastructure r	equired onsite	SELECT SELECT SELECT SELECT					
all waste processing in all waste storage infratoes your facility have to you have an odour roo you maintain a sludgetCTION D-TO BE Table 2 Waste type	infrastructure as required by your licence and a structure as required by your licence and a relevant nuisance controls in place? nanagement system in place for your facility ge register on site? COMPLETED BY LANDFILL SITES (e and tonnage-landfill only Authorised/licenced annual intake for	approved by the Agency in place? ty? If no why? ONLY Actual intake for disposal in	re? If no please list waste p If no please list waste stor. Remaining licensed capacity at end of	rocessing infrastructure r	equired onsite	SELECT SELECT SELECT SELECT					
all waste processing in all waste storage infra ooes your facility have in oo you have an odour in oo you maintain a sludg SECTION D-TO BE Table 2 Waste type Waste types permitted for disposal	infrastructure as required by your licence and a structure as required by your licence and a relevant nuisance controls in place? nanagement system in place for your facility ge register on site? COMPLETED BY LANDFILL SITES (e and tonnage-landfill only Authorised/licenced annual intake for	approved by the Agency in place? ty? If no why? ONLY Actual intake for disposal in	re? If no please list waste p If no please list waste stor. Remaining licensed capacity at end of	rocessing infrastructure r	equired onsite	SELECT SELECT SELECT SELECT					
all waste processing in all waste storage infra ooes your facility have in oo you have an odour in oo you maintain a sludg SECTION D-TO BE Table 2 Waste type Waste types permitted for disposal	nfrastructure as required by your licence and a structure as required by your licence and a relevant nuisance controls in place? nanagement system in place for your facility register on site? COMPLETED BY LANDFILL SITES (e and tonnage-landfill only Authorised/licenced annual intake for disposal (tpa)	approved by the Agency in place? ty? If no why? ONLY Actual intake for disposal in	re? If no please list waste p If no please list waste stor. Remaining licensed capacity at end of	rocessing infrastructure r	equired onsite	SELECT SELECT SELECT SELECT	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
all waste processing in all waste storage infractoes your facility have to you have an odour royou maintain a sludg section D-TO BE able 2 Waste type Waste types permitted for disposal	nfrastructure as required by your licence and a structure as required by your licence and a relevant nuisance controls in place? nanagement system in place for your facility are register on site? COMPLETED BY LANDFILL SITES (e and tonnage-landfill only Authorised/licenced annual intake for disposal (tpa) formation-Landfill only	approved by the Agency in place? by? If no why? DNLY Actual intake for disposal in reporting year (tpa)	Remaining licensed capacity at end of reporting year (m3)	rocessing infrastructure require age infrastructure require	equired onsite	SELECT SELECT SELECT SELECT SELECT Predicted date to				area occupied by waste	area occupied by

2016

WASTE SUMMA	RY		Lic No:	W0175-01		Year		
	nental monitoring-landfill only	Landfill Manual-Monitoring Star	ndards			*		,
Was meterological								
monitoring in							Has the statement	
compliance with			Was SW monitored in			Was topography	under S53(A)(5) of	
Landfill Directive (LI)	Was Landfill Gas monitored in	compliance with LD			of the site	WMA been	
standard in reporting	Was leachate monitored in compliance	compliance with LD standard in	standard in reporting	Have GW trigger levels	Were emission limit values agreed with	surveyed in	submitted in	
year +	with LD standard in reporting year	reporting year	year	been established	the Agency (ELVs)	reporting year	reporting year	Comments

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

Table 5 Capping-Landfill only

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

*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

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

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

Table 7 Landfill Gas-Landfill only

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

Comments on liner type