Facility Information Summary	
AER Reporting Year	**2013**
Licence Register Number	W0211-01
Name of site	Eras Eco Ltd
Site Location	Foxhole, Youghal, Co. Cork.
NACE Code	3821
Class/Classes of Activity	Principal Class 4.2
National Grid Reference (6E, 6 N)	2097E, 7977N

A description of the activities/processes at the site for the reporting year. This should include information such as production increases or decreases on site, any infrastructural changes, environmental performance which was measured during the reporting year **and an overview of compliance with your licence** listing all exceedances of licence limits (where applicable) and what they relate to e.g. air, water, noise.

The facility accepts non hazardous Commercial and Industrial wastes and non hazardous industrial and municipal sludges. The Commercial and Industrial waste includes source segregated and mixed waste (e.g. paper, cardboard, plastics, metals, with a residual organic fraction). These wastes are either subject to further segregation and baling on site or bulked up for transfer to other processing facilities. The sludges are treated either by lime stabilisation, or dried using a rotary paddle drier with steam produced from a biomass boiler. The stabilised sludge is applied to land, while the dried product is exported for use as a fuel.

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.

Paul Wilson	31/03/2014
Signature	**Date**
Group/Facility manager (or nominated, suitably qualified and experienced deputy)	

AIR-summary template	Lic No:	W0211-01	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	Yes	

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? Basic air monitoring checklist AGN2	SELECT	

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

Emission reference no:	Parameter/ Substance	Frequency of Monitoring	ELV in licence or any revision therof	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence limit	Method of analysis	Annual mass load (kg)	Comments - reason for change in % mass load from previous year if applicable
A1	Total Particulates	Quarterly	20	100 % of values < ELV		mg/Nm3	yes	SELECT		Efficiency
A1	Nitrogen oxides (NOx/NO2)	Quarterly	250	100 % of values < ELV		mg/Nm3	yes	SELECT	6,129.89	Efficiency
A1	Carbon monoxide (CO)	Quarterly	150	100 % of values < ELV		mg/Nm3	yes	SELECT	49.287	Efficiency

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

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Continuous Monitoring

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

Table A2: Summary of average emissions -continuous monitoring

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

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

Table A3: Abatement system bypass reporting table

Bypass protocol

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

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

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

AIR-summary template Lic No: W0211-01 Year 2013

Solvent use and management on site

8 Do you have a total Emission Limit Value of direct and fugitive emissions on site? if yes please fill out tables A4 and A5

SELECT

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

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

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

Table A5: Solvent Mass Balance summary

	(I) Inputs (kg)	(O) Outputs (kg)						
Solvent	(I) Inputs (kg)	Organic solvent emission in waste	Solvents lost in water (kg)	Collected waste solvent (kg)	Fugitive Organic Solvent (kg)	Solvent released in other ways e.g.	Solvents destroyed onsite through	Total emission of Solvent to air (kg)
							Total	

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER) Lic No: W0211-01 Year 2013

			Additional information
1	Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table W2 and W3 below for the current reporting year and answer further questions. If **you do not have** licenced emissions you only need to complete table W1 and or W2 for storm water analysis and visual inspections	Yes	
2	Was it a requirement of your licence to carry out visual inspections on any surface water discharges or watercourses on or near your site? If yes please complete table W2 below summarising only any evidence of contamination noted during visual inspections	Yes	No contamination

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		

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

					Additional information
3	Was there any result in breach of licence requirements? If yes please provide brief details in the comment section of Table W3 below			No	
4	Was all monitoring carried out in accordance with EPA guidance and checklists for Quality of Aqueous Monitoring Data Reported to the EPA? If no please detail what areas require improvement in additional information box	External /Internal Lab Quality checklist	Assessment of results checklist	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	Averaging period	ELV or trigger values in licence or any revision thereof[Note 2]	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Method of analysis	Procedural reference source	Procedural reference standard number	Annual mass load (kg)	Comments
SE1	Wastewater/Sewe	volumetric flow	composite	Daily	24 hour	170 m3/day	No flow value shall exceed the specific limit.	<170 m3/day	m3/day	yes	STRUMENTAL METHO	Manufacturer method	Standard flowmete	<170 m3/day	
SE1	Wastewater/Sewe	Temperature	composite	Daily	24 hour	<25 ^{o}C	No temperature value shall exceed the limit value.	<25 ^{o}C	degrees C	yes	STRUMENTAL METHO	Manufacturer method	temp probes	<25 ^{o}C	
SE1	Wastewater/Sewe	pH	composite	Daily	24 hour	>6; <8.5	No pH value shall deviate from the specified range.	>6; <8.5	pH units	yes	pH Meter (Electrode)	APHA / AWWA "Standard	APHA-4500-H+-B	<6, <8.5	
SE1	Wastewater/Sewe	Suspended Solids	composite	Weekly	24 hour	35	All results < 1.2 x ELV	<35	mg/l	yes	Gravimetric analysis	APHA / AWWA	APHA-2540-D	20.844	
SE1	Wastewater/Sewe	COD	composite	Weekly	24 hour	125	All results < 1.2 x ELV	<125	mg/l	yes	stion + Spectrophoton	APHA / AWWA	APHA-5220-D	24.543	
SE1	Wastewater/Sewe	BOD	composite	Weekly	24 hour	10	All results < 1.2 x ELV	<10	mg/l	yes	stion + Spectrophoton	APHA / AWWA	APHA-5210-B	13.525	
SE1	Wastewater/Sewe	Total nitrogen	composite	Quarterly	24 hour	10	All results < 1.2 x ELV	<10	mg/l	yes	stion + Spectrophoton	APHA / AWWA	APHA-4500-N-C	13.246	
SE1	Wastewater/Sewe	Sulphate	composite	Quarterly	24 hour	100	All results < 1.2 x ELV	<100	mg/l	yes	stion + Spectrophoton	APHA / AWWA	APHA-4110-B	30.868	
SE1	Wastewater/Sewe	Semi-volatiles	composite	Quarterly	24 hour	50	All results < 1.2 x ELV	<50	µg/L	yes	C (Gas Chromatograph	APHA / AWWA	GC-FID	0.04	
SE1	Wastewater/Sewe	Volatile organic compounds (as	composite	Quarterly	24 hour	50	All results < 1.2 x ELV	<50	µg/L	yes	C (Gas Chromatograph	APHA / AWWA	GC-FID	0.04	
SE1	Wastewater/Sewe	Total phosphorus	composite	Biannual	24 hour	1	All results < 1.2 x ELV	<1	mg/l	yes	stion + Spectrophoton	APHA / AWWA	APHA-4500-P	0.04	
SE1	Wastewater/Sewe	Cyanides (as total CN)	composite	Biannual	24 hour	0.01	All results < 1.2 x ELV	<0.01	mg/l	yes	stion + Spectrophoton	APHA / AWWA	APHA-4500	0.022	
SE1	Wastewater/Sewe	Lead and compounds (as Pb)	composite	Annual	24 hour	5	All results < 1.2 x ELV	<5	µg/L	yes	vely Coupled Plasma -	APHA / AWWA	APHA-3120-B	0.04	

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)						Lic No:	W0211-01		Year	2013					
SE1	Wastewater/Sewe	Zinc and compounds (as Zn)	composite	Annual	24 hour	100	All results < 1.2 x ELV	<100	µg/L	yes	vely Coupled Plasma -	APHA / AWWA	APHA-3120-B	0.04	
SE1	Wastewater/Sewe	Copper and compounds (as Cu)	composite	Annual	24 hour	30	All results < 1.2 x ELV	<30	µg/L	yes	vely Coupled Plasma -	APHA / AWWA	APHA-3120-B	0.004	
SE1	Wastewater/Sewe	Cadmium and compounds (as Cd)	composite	Annual	24 hour	5	All results < 1.2 x ELV	<5	µg/L	yes	vely Coupled Plasma -	APHA / AWWA	APHA-3120-B	0.04	
SE1	Wastewater/Sewe	Arsenic and compounds (as As)	composite	Annual	24 hour	20	All results < 1.2 x ELV	<20	µg/L	yes	vely Coupled Plasma -	APHA / AWWA	APHA-3120-B	0.08	
SE1	Wastewater/Sewe	Chromium and compounds (as Cr)	composite	Annual	24 hour	15	All results < 1.2 x ELV	<15	µg/L	yes	vely Coupled Plasma -	APHA / AWWA	APHA-3120-B	0	
SE1	Wastewater/Sewe	Nickel and compounds (as Ni)	composite	Annual	24 hour	25	All results < 1.2 x ELV	<25	µg/L	yes	vely Coupled Plasma -	APHA / AWWA	APHA-3120-B	0.016	

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:	W0211-01	Year	2013

Continuous monitoring

			Additional Information
5	Does your site carry out continuous emissions to water/sewer monitoring?	Yes	Yes, for Flow, pH & temp.

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

			Continuous monitoring within limits
6	Did continuous monitoring equipment experience downtime? **If yes please record downtime in table W4 below**	No	
7	Do you have a proactive service contract for each piece of continuous monitoring equipment on site?	No	Service agreement to be implemented.
8	Did abatement system bypass occur during the reporting year? **If yes please complete table W5 below**	No	

Table W4: Summary of average emissions -continuous monitoring

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

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

Table W5: Abatement system bypass reporting table

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

*Measures taken or proposed to reduce or limit bypass frequency

Groundwater/Soil monitoring template	Lic No:	W0211-01	Year	2013

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

Table 1: Upgradient Groundwater monitoring results

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration++	Average Concentration+	unit	GTV's*	SELECT**	Upward trend in pollutant concentration over last 5 years of monitoring data
B2 2013	MW2/MW3	COD	APHA 5220-D	Biannual	109	0.75	mg/l	N/A	N/A	data not available
B2 2013	MW2/MW3	PRO	GC-FID	Biannual	<0.005	<0.005	mg/l	N/A	N/A	data not available
B2 2013	MW2/MW3	DRO	GC-FID	Biannual	<0.01	<0.01	mg/l	N/A	N/A	data not available
B2 2013	MW2/MW3	Nitrate	APHA 4110-B	Biannual	23.782	31	mg/l	N/A	N/A	data not available
B2 2013	MW2/MW3	Ammonia	APHA 4500 NH3-D	Biannual	0.899	0.65	mg/l	N/A	N/A	data not available
B2 2013	MW2/MW3	Chloride	APHA 4110-B	Biannual	49.774	60	mg/l	N/A	N/A	data not available
B2 2013	MW2/MW3	Cadmium	APHA 3120 - B	Biannual	0.01	0.58	mg/l	N/A	N/A	data not available
B2 2013	MW2/MW3	Cobalt	APHA 3120 - B	Biannual	<0.001	0.002	mg/l	N/A	N/A	data not available

Groundwater/Soil monitoring template					Lic No:	W0211-01		Year	2013	
B2 2013	MW2/MW3	Iron	APHA 3120 - B	Biannual	0.17	0.23	mg/l	N/A	N/A	data not available
B2 2013	MW2/MW3	Maganesse	APHA 3120 - B	Biannual	0.14	<0.14	mg/l	N/A	N/A	data not available
B2 2013	MW2/MW3	Arsenic	APHA 3120 - B	Biannual	<0.02	<0.02	mg/l	N/A	N/A	data not available
B2 2013	MW2/MW3	Organohaloge	GC-FID	Biannual	<0.01	<0.01	mg/l	N/A	N/A	data not available

.+ where average indicates arithmetic mean

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

Table 2: Downgradient Groundwater monitoring results

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit	GTV's*	SELECT**	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
B2 2013	MW1	COD	APHA 5220-D	Biannual	36	36	mg/l	N/A	N/A	data not available
B2 2013	MW1	PRO	GC-FID	Biannual	<0.005	<0.005	mg/l	N/A	N/A	data not available
B2 2013	MW1	DRO	GC-FID	Biannual	<0.01	<0.01	mg/l	N/A	N/A	data not available
B2 2013	MW1	Nitrate	APHA 4110-B	Biannual	0.031	0.031	mg/l	N/A	N/A	data not available
B2 2013	MW1	Ammonia	APHA 4500 NH3-D	Biannual	1.129	0.9	mg/l	N/A	N/A	data not available
B2 2013	MW1	Chloride	APHA 4110-B	Biannual	35	52.1	mg/l	N/A	N/A	data not available
B2 2013	MW1	Cadmium	APHA 3120 - B	Biannual	0.01	0.006	mg/l	N/A	N/A	data not available
B2 2013	MW1	Cobalt	APHA 3120 - B	Biannual	<0.001	0.001	mg/l	N/A	N/A	data not available
B2 2013	MW1	Iron	APHA 3120 - B	Biannual	0.97	0.98	mg/l	N/A	N/A	data not available
B2 2013	MW1	Maganesse	APHA 3120 - B	Biannual	0.335	0.3	mg/l	N/A	N/A	data not available
B2 2013	MW1	Arsenic	APHA 3120 - B	Biannual	<0.02	<0.02	mg/l	N/A	N/A	data not available
B2 2013	MW1	Organohaloge	GC-FID	Biannual	<0.01	<0.02	mg/l	N/A	N/A	data not available

More information on the use of soil and groundwater standards/ generic assessment criteria (GAC) and risk assessment tools is available in the EPA published guidance (see the link in G31)

Guidance on the Management of Contaminated Land and Groundwater at EPA Licensed Sites (EPA 2013).

	Environmental Liabilities template	Lic No:	W0211-01	Year	2013

Click here to access EPA guidance on Environmental Liabilities and Financial provision

			Commentary
1	ELRA initial agreement status	Submitted and not agreed by EPA;	
2	ELRA review status	Review required and not completed;	
3	Amount of Financial Provision cover required as determined by the latest ELRA	536,000	
4	Financial Provision for ELRA status	Submitted and not agreed by EPA;	
5	Financial Provision for ELRA - amount of cover	288,000	
6	Financial Provision for ELRA - type	vironmental Impairment Liability insurance	
7	Financial provision for ELRA expiry date	Enter expiry date	
8	Closure plan initial agreement status	sure plan submitted and not agreed by EPA	
9	Closure plan review status	Review required and not completed	
10	Financial Provision for Closure status	Submitted and not agreed by EPA;	
11	Financial Provision for Closure - amount of cover	288,000	
12	Financial Provision for Closure - type	vironmental Impairment Liability insurance	
13	Financial provision for Closure expiry date	01/02/2015	

Environmental Management Programme/Continuous Improvement Programme template

Lic No: W0211-01 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	

Environmental Management Programme (EMP) report

Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
Reduction of emissions to Air	Install an additional odour al	90	Installed and operating	Individual	Reduced emissions
Reduction of emissions to Air	Smoke test on building	80	Smoke test & repairs complete	Individual	Reduced emissions
Reduction of emissions to Air	External contractor to exami	50	Consultants proposals have be	Individual	Reduced emissions
Reduction of emissions to Air	Develop new SOP for Carbor	10	Consultants proposals have be	Individual	Reduced emissions
Reduction of emissions to Water	Engage with WWTP Consulta	80	Consultants report received	Individual	Reduced emissions
Review characteristics of wastes accepted	Review waste characterictics	0	Review waste characteristics	Individual	Reduced emissions

Noise monitoring summary report

Lic No: W0211-01 Year 2013

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

Table N1: Noise monitoring summary

Date of monitoring	Time period	Noise location (on site)	Noise sensitive location -NSL (if applicable)	LA_{eq}	LA_{90}	LA_{10}	LA_{max}	Tonal or Impulsive noise* (Y/N)	If tonal /impulsive noise was identified was 5dB penalty applied?	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is site compliant with noise limits (day/evening/night)?
07-Oct	3 * 30 mins	N1		58.9	48.5	61.3		No	N/A	Intermittent vehicles	Yes
07-Oct	3 * 30 mins	N2		55.8	45	55.7		No	N/A	Distant traffic	Yes
07-Oct	3 * 30 mins	N3		54.8	46.8	56.8		No	N/A	Noise from adjacent faci	Yes
07-Oct	3 * 30 mins	NSR	Yes	62.4	53.4	64.3		No	N/A	Site Noises not detected	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? nothing**

** please explain the reason for not taking action/resolution of noise issues?
Any additional comments? (less than 200 words)

Resource Usage/Energy efficiency summary	Lic No:	W0211-01	Year	2013

			Additional information
1	When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below	2009/2010	
2	Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI programme linked to the right? If yes please list them in additional information	No	SEAI - Large Industry Energy Network (LIEN)
3	Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information	SELECT	oil is only used for start-up

Table R1 Energy usage on site

Energy Use	Previous year	Current year	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)				
Total Energy Generated (MWHrs)				
Total Renewable Energy Generated (MWHrs)				
Electricity Consumption (MWHrs)	449	TBC		
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)	2,813	TBC		
Light Fuel Oil (m3)				
Natural gas (m3)				
Coal/Solid fuel (metric tonnes)				
Peat (metric tonnes)				
Renewable Biomass	2011.18	1,483.48		
Renewable energy generated on site				

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

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

Table R2 Water usage on site

					Water Emissions	Water Consumption	
Water use	Water extracted Previous year m3/yr.	Water extracted Current year m3/yr.	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*	Volume Discharged back to environment(m^3yr):	Volume used i.e not discharged to environment e.g. released as steam m3/yr	Unaccounted for Water:
Groundwater							
Surface water							
Public supply	4,124						
Recycled water							
Total							

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

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

Table R3 Waste Stream Summary

	Total	Landfill	Incineration	Recycled	Other
Hazardous (Tonnes)	0	0	0	0	0
Non-Hazardous (Tonnes)	18,308.41	454.52		10,929.92	

Resource Usage/Energy efficiency summary Lic No: W0211-01 Year 2013

Table R4: Energy Audit finding recommendations

Date of audit	Recommendations	Description of Measures proposed	Origin of measures	Predicted energy savings %	Implementation date	Responsibility	Completion date	Status and comments
2009/2010	Explore alternative boiler fuels	Examine other fuels	energy audit	~30 %	On-going	Facility Manager	No completion date	On-hold
2009/2010	Optimise dryer	Undertake furthe	energy audit	~15 -20 %	On-going	Facility Manager	No completion date	On-going
2009/2010	Rainwater harvesting	Harvest rainwater	energy audit	TBC	On-hold	Facility Manager	No completion date	On-hold

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

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

Complaints and Incidents summary template

Lic No: W0211-01 Year 2013

Complaints

Have you received any environmental complaints in the current reporting year? If yes please complete summary details of complaints received on site in table 1 below	Yes	Additional information

Table 1 Complaints summary

Date	Category	Other type (please specify)	Brief description of complaint (Free txt <20 words)	Corrective action< 20 words	Resolution status	Resolution date	Further information
29/03/2014	Odour		Odour in locality	Investigate odours by con	Ongoing		
19/04/2014	Odour		Odour in locality	Investigate odours by con	Ongoing		
10/06/2013	Odour		Odour in locality	Investigate odours by con	Ongoing		
26/07/2013	Odour		Odour in locality	Investigate odours by con	Ongoing		
26/07/2013	Odour		Odour in locality	Investigate odours by con	Ongoing		
18/10/2013	Odour		Odour in locality	Investigate odours by con	Ongoing		

Total complaints open at start of reporting year	2
Total new complaints received during reporting year	6
Total complaints closed during reporting year	8
Balance of complaints end of reporting year	0

Incidents

Have any incidents occurred on site in the current reporting year? Please list all incidents for current reporting year in Table 2 below	No	Additional information

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

Table 2 Incidents summary

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

Total number of incidents current year	0
Total number of incidents previous year	0
% reduction/ increase	0

WASTE SUMMARY Lic No: W0211-01 Year 2013

SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES PRTR facility logon dropdown list click to see options

SECTION B- WASTE ACCEPTED ONTO SITE-TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES

			Additional Information
1	Were any wastes accepted onto your site for recovery or disposal or treatment prior to recovery or disposal within the boundaries of your facility ?; (waste generated within your boundaries is to be captured through PRTR reporting) If yes please enter details in table 1 below	Yes	
2	Did your site have any rejected consignments of waste in the current reporting year? If yes please give a brief explanation in the additional information	No	
3	Was waste accepted onto your site that was generated outside the Republic of Ireland? If yes please state the quantity in tonnes in additional information	No	

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

Licenced annual tonnage limit for your site (total tonnes/annum)	EWC code European Waste Catalogue EWC codes	Source of waste accepted	Description of waste accepted **Please enter an accurate and detailed description - which applies to relevant EWC code** European Waste Catalogue EWC codes	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 at your site and the description of this operation	Quantity of waste remaining on site at the end of reporting year (tonnes)	Comments -
110,000	01 03 09	*01-WASTE RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL*	Organic waste from alumina production	29.06	0	Increase	Irregular Production	0	R3-Recycling/reclamation or organic substances which are not used as solvents (including composting asnother biological	0	
110,000	02 01 04	*AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD*	Waste Plastics from Agriculture	3665.42	1020.82	Increase	Increase in intake	TBC	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	0	
110,000	02 07 04	*02-WASTES FROM AGRICULTURE, HORTICULTURE,*	Powders from Industrial Plants	266.98	110.34	Increase	Increase in intake	TBC	R3-Recycling/reclamation or organic substances which are not used as solvents (including composting asnother biological	10	
110,000	02 07 05	*02-WASTES FROM AGRICULTURE, HORTICULTURE,*	Sludges from Industrial Plant's	666.16	665.02	Stable	Small decrease	0	R3-Recycling/reclamation or organic substances which are not used as solvents (including composting asnother biological	10	
110,000	05 01 10	*05- WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION*	Sludges from Industrial Refining	11.68	5.92	Increase	Increase in supply	0	R3-Recycling/reclamation or organic substances which are not used as solvents (including composting asnother biological	0	
110,000	07 02 12	*07- WASTES FROM ORGANIC CHEMICAL PROCESSES*	Sludges from on-site effluent treatment other than those mentioned in	596.06	0	Increase	Increase in supply	0	R3-Recycling/reclamation or organic substances which are not used as solvents (including composting asnother biological	0	
110,000	07 05 12	*07- WASTES FROM ORGANIC CHEMICAL PROCESSES*	Sludges from Organic Chemical Processing	2,607.15	4,628.08	Decrease	Decrease in supply	0	R3-Recycling/reclamation or organic substances which are not used as solvents (including composting asnother biological	0	
110,000	15 01 01	*15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND*	Paper and cardboard packaging	17.14	0	Increase	Increase in processing onsite	0	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary	0	
110,000	15 01 02	*15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND*	Plastic packaging	3.6	189.705	Decrease	Decrease in processing onsite	0	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary	0	
110,000	15 01 06	*15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND*	Mixed packaging	4.24	0	Increase	Increase in processing onsite	0	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary	0	
110,000	17 05 04	*17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL*	Soil and stones other than those mentioned in 17 05 03	35.48	0	Increase	Increase in processing onsite	0	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary	5	
110,000	17 09 04	*17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL*	Mixed construction and demolition wastes other than those mentioned in	998.37	0	Increase	Increase in processing onsite	0	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary	20	
110,000	19 08 05	*19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER*	Sludges from treatment of urban waste water	6,903.45	3,246.00	Increase	Increase in supply	0	R3-Recycling/reclamation or organic substances which are not used as solvents (including composting asnother biological	70	
110,000	19 09 02	*19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER*	Sludges from municipal WTP' s	113.34	1,631.73	Decrease	Decrease in supply	0	R3-Recycling/reclamation or organic substances which are not used as solvents (including composting asnother biological	10	
110,000	19 12 07	*19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER*	Wood other than that mentioned in 19 12 06	1,483.48	2,011.18	Decrease	Decrease in need for woodchip for boiler fuel	0	R1-Use principally as a fuel or other means to generate energy	45	
110,000	20 01 02	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL,*	Paper and cardboard	5.40	0.00	Increase	Increase in processing onsite	0	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary	0	

WASTE SUMMARY						Lic No:	W0211-01	Year	2013		
110,000	20 01 38	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL,*	Wood other than that mentioned in 20 01 37	0.62	0.00	Increase	Increase in processing onsite	0	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary	0	
110,000	20 01 39	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL,*	Plastics	4.42	0.00	Increase	Increase in processing onsite	0	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary	0	
110,000	20 01 40	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL,*	Metals	2.92	0.00	Increase	Increase in processing onsite	0	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary	0	
110,000	20 02 01	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL,*	Biodegradable Waste	2.52	0.00	Increase	Increase in processing onsite	0	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary	0	
110,000	20 03 01	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL,*	Mixed municipal waste	144.94	101.30	Increase	Increase in processing onsite	0	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary	0	
110,000	20 03 07	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL,*	Bulky waste	745.98	0	Increase	Increase in processing onsite	0	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary	0	

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

4 Is all waste processing infrastructure as required by your licence and approved by the Agency in place? If no please list waste processing infrastructure required onsite	Yes	
5 Is all waste storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on site	Yes	
6 Does your facility have relevant nuisance controls in place?	Yes	
7 Do you have an odour management system in place for your facility? If no why?	Yes	
8 Do you maintain a sludge register on site?	Yes	

SECTION D-TO BE COMPLETED BY LANDFILL SITES ONLY

Table 2 Waste type and tonnage-landfill only

Waste types permitted for disposal	Authorised/licenced annual intake for disposal (tpa)	Actual intake for disposal in reporting year (tpa)	Remaining licensed capacity at end of reporting year (m3)	Comments

Table 3 General information-Landfill only

Area ID	Date landfilling commenced	Date landfilling ceased	Currently landfilling	Private or Public Operated	Inert or non-hazardous	Predicted date to cease landfilling	Licence permits asbestos	Is there a separate cell for asbestos?	Accepted asbestos in reporting year	Total disposal area occupied by waste	Lined disposal area occupied by waste
										SELECT UNIT	SELECT UNIT
Cell 8											

WASTE SUMMARY	Lic No:	W0211-01	Year	2013

Table 4 Environmental monitoring-landfill only

Landfill Manual-Monitoring Standards

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

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

Table 5 Capping-Landfill only

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

*please note this includes daily cover area

Table 6 Leachate-Landfill only

9	Is leachate from your site treated in a Waste Water Treatment Plant?	SELECT
10	Is leachate released to surface water? If yes please complete leachate mass load information below	SELECT

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

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

Table 7 Landfill Gas-Landfill only

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

Environmental Protection Agency

Guidance to completing the PRTR workbook

AER Returns Workbook

Version 1.1.18

REFERENCE YEAR	2013

1. FACILITY IDENTIFICATION

Parent Company Name	ERAS ECO Limited
Facility Name	ERAS ECO Ltd
PRTR Identification Number	W0211
Licence Number	W0211-01

Waste or IPPC Classes of Activity

No.	class_name
4.2	Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).
3.11	Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this Schedule.
3.12	Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.
3.13	Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned is produced.
3.7	##########
4.11	Use of waste obtained from any activity referred to in a preceding paragraph of this Schedule.
4.12	Exchange of waste for submission to any activity referred to in a preceding paragraph of this Schedule.
4.13	Storage of waste intended for submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced.
4.3	Recycling or reclamation of metals and metal compounds.
4.4	Recycling or reclamation of other inorganic materials.
4.9	Use of any waste principally as a fuel or other means to generate energy.

Address 1	Foxhole
Address 2	Youghal
Address 3	Co Cork
Address 4	
	Cork
Country	Ireland
Coordinates of Location	-7.85959 51.9705
River Basin District	IESW
NACE Code	3832
Main Economic Activity	Recovery of sorted materials
AER Returns Contact Name	Paul Wilson
AER Returns Contact Email Address	pwilson@eras.ie
AER Returns Contact Position	General Manager
AER Returns Contact Telephone Number	024 90246
AER Returns Contact Mobile Phone Number	086 085 2891
AER Returns Contact Fax Number	
Production Volume	0.0
Production Volume Units	
Number of Installations	1
Number of Operating Hours in Year	3348
Number of Employees	5
User Feedback/Comments	Reduction in drying hrs from 2012
Web Address	

2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
50.1	General
5(c)	Installations for the disposal of non-hazardous waste
50.1	General

3. SOLVENTS REGULATIONS (S.I. No. 543 of 2002)

Is it applicable?	No
Have you been granted an exemption ?	
If applicable which activity class applies (as per Schedule 2 of the regulations) ?	
Is the reduction scheme compliance route being used ?	

4. WASTE IMPORTED/ACCEPTED ONTO SITE

Guidance on waste imported/accepted onto site

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO AIR					Please enter all quantities in this section in KGs				
POLLUTANT		METHOD					QUANTITY		
			Method Used		A1 Boiler	A2 Biofilter			
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	Emission Point 2	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
06	Ammonia (NH3)	M	ALT		0.0	0.62	0.62	0.0	0.0
08	Nitrogen oxides (NOx/NO2)	M	EN 14792:2005		6129.3887	0.0	6129.3887	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION B : REMAINING PRTR POLLUTANTS

RELEASES TO AIR					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD				QUANTITY		
			Method Used		A1 Boiler			
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
02	Carbon monoxide (CO)	M	CRM		49.287	49.287	0.0	0.0
11	**Sulphur oxides (SOx/SO2)**	M	CRM		0.0	0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION C : REMAINING POLLUTANT EMISSIONS (As required in your Licence)

RELEASES TO AIR					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD				QUANTITY		
			Method Used					
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

Additional Data Requested from Landfill operators

For the purposes of the National Inventory on Greenhouse Gases, landfill operators are requested to provide summary data on landfill gas (Methane) flared or utilised on their facilities to accompany the figures for total methane generated. Operators should only report their Net methane (CH4) emission to the environment under T(total) KG/yr for Section A: Sector specific PRTR pollutants above. Please complete the table below:

Landfill: ERAS ECO Ltd

Please enter summary data on the quantities of methane flared and / or utilised

	T (Total) kg/Year	M/C/E	*Method Used* Method Code	*Method Used* Designation or Description	Facility Total Capacity *m3 per hour*	
Total estimated methane generation (as per site model)	0.0				N/A	
Methane flared	0.0				0.0	(Total Flaring Capacity)
Methane utilised in engine/s	0.0				0.0	(Total Utilising Capacity)
Net methane emission (as reported in Section A above)	0.0				N/A	

4.2 RELEASES TO WATERS

Link to previous years emissions data

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

Data on ambient monitoring of storm/surface water or groundwater, conducted as part of your licence requirements, should NOT be submitted under AER / PRTR Reporting as this only concerns Releases from your facil

RELEASES TO WATERS					Please enter all quantities in this section in KGs			
POLLUTANT					QUANTITY			
			Method Used					
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION B : REMAINING PRTR POLLUTANTS

RELEASES TO WATERS					Please enter all quantities in this section in KGs			
POLLUTANT					QUANTITY			
			Method Used					
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION C : REMAINING POLLUTANT EMISSIONS (as required in your Licence)

RELEASES TO WATERS					Please enter all quantities in this section in KGs			
POLLUTANT					QUANTITY			
			Method Used					
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION A : PRTR POLLUTANTS

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
			Method Used		SE1			
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
06	Ammonia (NH3)	M	ALT		0.557	0.557	0.0	0.0
82	Cyanides (as total CN)	M	ALT		0.022	0.022	0.0	0.0
17	Arsenic and compounds (as As)	M	ALT		0.08	0.08	0.0	0.0
18	Cadmium and compounds (as Cd)	M	ALT		0.04	0.04	0.0	0.0
19	Chromium and compounds (as Cr)	M	ALT		0.0	0.0	0.0	0.0
20	Copper and compounds (as Cu)	M	ALT		0.004	0.004	0.0	0.0
23	Lead and compounds (as Pb)	M	ALT		0.04	0.04	0.0	0.0
21	Mercury and compounds (as Hg)	M	ALT		0.042	0.042	0.0	0.0
22	Nickel and compounds (as Ni)	M	ALT		0.016	0.016	0.0	0.0
12	Total nitrogen	M	ALT		13.246	13.246	0.0	0.0
13	Total phosphorus	M	ALT		0.04	0.04	0.0	0.0
24	Zinc and compounds (as Zn)	M	ALT		0.04	0.04	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION B : REMAINING POLLUTANT EMISSIONS (as required in your Licence)

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs						
POLLUTANT			METHOD						QUANTITY		
			Method Used			SE1					
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	Emission Point 2	Emission Point 3	Emission Point 4	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
303	BOD	M	ALT		13.525	0.0	0.0	0.0	13.525	0.0	0.0
306	**COD**	M	ALT		24.543	0.0	0.0	0.0	24.543	0.0	0.0
340	Semi-volatiles	M	ALT		0.04	0.0	0.0	0.0	0.04	0.0	0.0
343	Sulphate	M	ALT		30.868	0.0	0.0	0.0	30.868	0.0	0.0
240	Suspended Solids	M	ALT		20.844	0.0	0.0	0.0	20.844	0.0	0.0
237	Volatile organic compounds (as TOC)	M	ALT		0.04	0.0	0.0	0.0	0.04	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION A : PRTR POLLUTANTS

RELEASES TO LAND					Please enter all quantities in this section in KGs		
POLLUTANT		METHOD			QUANTITY		
			Method Used				
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year
					0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION B : REMAINING POLLUTANT EMISSIONS (as required in your Licence)

RELEASES TO LAND					Please enter all quantities in this section in KGs		
POLLUTANT		METHOD			QUANTITY		
			Method Used				
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year
					0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

Please enter all quantities on this sheet in Tonnes

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used M/C/E	Method Used	Location of Treatment	Haz Waste: Name and Licence/Permit No of Next Destination Facility Non Haz Waste Name and Licence/Permit No of Recover/Disposer	Haz Waste: Address of Next Destination Facility Non Haz Waste Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
Within the Country	02 01 04	No	3665.4	waste plastics (except packaging)	R3	M	Weighed	Offsite in Ireland	ERAS ECO Ltd,W0211	Foxhole ,Youghal ,Co. Cork,,,Ireland		
Within the Country	02 07 04	No	266.98	materials unsuitable for consumption or processing	R3	M	Weighed	Offsite in Ireland	ERAS ECO Ltd,W0211	Foxhole ,Youghal ,Co. Cork,,,Ireland		
Within the Country	02 07 05	No	666.16	sludges from on-site effluent treatment	R3	M	Weighed	Offsite in Ireland	ERAS ECO Ltd,W0211	Foxhole ,Youghal ,Co. Cork,,,Ireland		
Within the Country	05 01 10	No	11.68	sludges from on-site effluent treatment other than those mentioned in 05 01 09	R3	M	Weighed	Offsite in Ireland	ERAS ECO Ltd,W0211	Foxhole ,Youghal ,Co. Cork,,,Ireland		
Within the Country	07 05 12	No	2607.15	sludges from on-site effluent treatment other than those mentioned in 07 05 11	R3	M	Weighed	Offsite in Ireland	ERAS ECO Ltd,W0211	Foxhole ,Youghal ,Co. Cork,,,Ireland		
Within the Country	07 02 12	No	596.06	sludges from on-site effluent treatment other than those mentioned in 07 02 11	R3	M	Weighed	Offsite in Ireland	ERAS ECO Ltd,W0211	Foxhole ,Youghal ,Co. Cork,,,Ireland		
Within the Country	15 01 02	No	3.6	plastic packaging	R3	M	Weighed	Offsite in Ireland	Leinster Environmentals Clermont Business Park Haggardstown Dundalk Co.Louth Ireland,WP2008/06	Clermont Business Park ,Haggardstown ,Dundalk , ,Ireland		
Within the Country	19 08 05	No	6903.454	sludges from treatment of urban waste water	R3	M	Weighed	Offsite in Ireland	ERAS ECO Ltd,W0211	Foxhole ,Youghal ,Co. Cork,,,Ireland		
Within the Country	19 12 07	No	1483.48	wood other than that mentioned in 19 12 06	R1	M	Weighed	Offsite in Ireland	ERAS ECO Ltd,W0211	Foxhole ,Youghal ,Co. Cork,,,Ireland		
Within the Country	20 03 01	No	144.94	mixed municipal waste	D1	M	Weighed	Offsite in Ireland	Greenstar Recycling,W0136-02	Sarsfield Court ,Glanmire,Co. Cork,,,Ireland		
Within the Country	01 03 09	No	29.06	red mud from alumina production other than the wastes mentioned in 01 03 07	R3	M	Weighed	Offsite in Ireland	ERAS ECO Ltd,W0211	Foxhole ,Youghal ,Co. Cork,,,Ireland		
Within the Country	15 01 01	No	17.14	paper and cardboard packaging	R13	M	Weighed	Offsite in Ireland	ERAS ECO Ltd,W0211	Foxhole ,Youghal ,Co. Cork,,,Ireland		
Within the Country	15 01 06	No	4.24	mixed packaging	R13	M	Weighed	Offsite in Ireland	ERAS ECO Ltd,W0211	Foxhole ,Youghal ,Co. Cork,,,Ireland		
Within the Country	17 05 04	No	35.48	soil and stones other than those mentioned in 17 05 03	R13	M	Weighed	Offsite in Ireland	ERAS ECO Ltd,W0211	Foxhole ,Youghal ,Co. Cork,,,Ireland		
Within the Country	17 09 04	No	998.37	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R13	M	Weighed	Offsite in Ireland	ERAS ECO Ltd,W0211	Foxhole ,Youghal ,Co. Cork,,,Ireland		
Within the Country	20 01 02	No	5.4	glass	R13	M	Weighed	Offsite in Ireland	ERAS ECO Ltd,W0211	Foxhole ,Youghal ,Co. Cork,,,Ireland		
Within the Country	20 01 38	No	0.62	wood other than that mentioned in 20 01 37	R13	M	Weighed	Offsite in Ireland	ERAS ECO Ltd,W0211	Foxhole ,Youghal ,Co. Cork,,,Ireland		
Within the Country	20 01 39	No	4.42	plastics	R13	M	Weighed	Offsite in Ireland	ERAS ECO Ltd,W0211	Foxhole ,Youghal ,Co. Cork,,,Ireland		
Within the Country	20 01 40	No	2.92	metals	R13	M	Weighed	Offsite in Ireland	ERAS ECO Ltd,W0211	Foxhole ,Youghal ,Co. Cork,,,Ireland		
Within the Country	20 02 01	No	2.52	biodegradable waste	R13	M	Weighed	Offsite in Ireland	ERAS ECO Ltd,W0211	Foxhole ,Youghal ,Co. Cork,,,Ireland		
Within the Country	20 03 07	No	745.98	bulky waste	R13	M	Weighed	Offsite in Ireland	ERAS ECO Ltd,W0211	Foxhole ,Youghal ,Co. Cork,,,Ireland		
To Other Countries	02 01 04	No	1313.78	waste plastics (except packaging)	R5	M	Weighed	Abroad	CEDO Recycling,On request	On request,On request,On request,On request,Netherlands		
To Other Countries	02 01 04	No	1629.74	waste plastics (except packaging)	R5	M	Weighed	Abroad	British Polythene,.	.,.,.,.,United Kingdom		
Within the Country	02 01 04	No	29.58	waste plastics (except packaging)	R13	M	Weighed	Offsite in Ireland	Waste Recovery Services,W0107-01	Fermoy,.,Co.Cork,.,Ireland		
Within the Country	02 07 04	No	44.2	materials unsuitable for consumption or processing	R3	M	Weighed	Offsite in Ireland	Ormonde Organics,. O' Brien Skip Hire,WFP-CK-11-0094-03	Portlaw,.,Co.Waterford,.,Ireland		
Within the Country	10 01 01	No	43.22	bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)	D1	M	Weighed	Offsite in Ireland		Midleton ,.,.,Co.Cork,Ireland		
Within the Country	15 01 01	No	78.72	paper and cardboard packaging	R12	M	Weighed	Offsite in Ireland	Cork Recycling Co. Ltd,.	Tougher ,.,.,Cork,Ireland		

Within the Country	15 01 02	No	11.24	plastic packaging	R12	M	Weighed	Offsite in Ireland	Cork Recycling Co. Ltd,.	Tougher ,.,.,Cork,Ireland
Within the Country	15 01 02	No	12.22	plastic packaging	R3	M	Weighed	Offsite in Ireland	Filmco Ltd,WM/WP064-01	Carrick On Suir,.,.,.,Ireland
Within the Country	17 01 07	No	719.33	mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06	D1	M	Weighed	Offsite in Ireland	Scariff Plant Hire,. Poluladuff Card	.,.,.,.,Ireland
Within the Country	17 04 02	No	2.86	aluminium	R4	M	Weighed	Offsite in Ireland	Dismantlers,WCP-CK-08-0584-01	Pouladuff,.,Cork,.,Ireland
Within the Country	19 08 05	No	6597.26	sludges from treatment of urban waste water	D2	M	Weighed	Offsite in Ireland	Approved Landbanks,Approved Landbanks	Approved Banks,.,.,.,.,Ireland
Within the Country	19 08 12	No	5.92	sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11	R1	M	Weighed	Offsite in Ireland	Lagan Cement,P0487-05	Kinneegad.,.,Co.Meath,.,Ireland
To Other Countries	19 08 12	No	359.5	sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11	R1	M	Weighed	Abroad	Remondis,21/Fo/Tho-G61/93	Luenen,.,.,.,.,Germany
Within the Country	19 08 12	No	104.26	sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11	R1	M	Weighed	Offsite in Ireland	Rilta Environmental,W0192-03	Rathcoole ,.,Dublin.,.,Ireland
Within the Country	19 12 07	No	14.26	wood other than that mentioned in 19 12 06	R13	M	Weighed	Offsite in Ireland	Doheny Waste,WFP-KK-08-0007-01	Castlelinch ,.,Co.Kilkenny,.,Ireland
Within the Country	19 12 07	No	5.18	wood other than that mentioned in 19 12 06	R13	M	Weighed	Offsite in Ireland	Waste Recovery Services,W0107-01	Fermoy,.,Co.Cork,.,Ireland
Within the Country	20 01 38	No	177.7	wood other than that mentioned in 20 01 37	R13	M	Weighed	Offsite in Ireland	Waste Recovery Services,W0107-01	Fermoy,.,Co.Cork,.,Ireland
Within the Country	20 01 39	No	1.8	plastics	R13	M	Weighed	Offsite in Ireland	Waste Recovery Services,W0107-01	Fermoy,.,Co.Cork,.,Ireland
Within the Country	20 01 40	No	22.46	metals	R4	M	Weighed	Offsite in Ireland	Poluladuff Card Dismantlers,WCP-CK-08-0584-01	Pouladuff,.,Cork,.,Ireland
Within the Country	20 01 40	No	47.44	metals	R4	M	Weighed	Offsite in Ireland	Cork Metal,WFP-CK-10-0067-01-A1	Dublin Hill,.,.,Cork,Ireland
Within the Country	20 01 40	No	1.02	metals	R4	M	Weighed	Offsite in Ireland	Hammond Lane Metal,WP-173-2008	Athlone,.,Co.Westmeath,.,Ireland
Within the Country	20 02 01	No	14.02	biodegradable waste	R3	M	Weighed	Offsite in Ireland	Cremins Compost,WFP/LK/2012/23A/R2	Coolaleen .,.Limerick,.,Ireland
Within the Country	20 03 01	No	17.12	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Greenstar Recycling,W0136-02	Sarsfield Court ,Glanmire,Co. Cork,.,Ireland
Within the Country	20 03 01	No	454.52	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Limerick Co. Co.,W0017-04	Gortnadroma ,.,Limerick Co. Co.,.,Ireland
Within the Country	20 03 01	No	16.1	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Thornton Waste,W0044-02 / WP 291 -2007	.,.,Dublin,.,Ireland
Within the Country	20 03 01	No	10.1	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Waste Recovery Services,W0107-01	Fermoy,.,Co.Cork,.,Ireland
Within the Country	**20 03 07**	**No**	7.64	bulky waste	R13	M	Weighed	Offsite in Ireland	Greenstar Recycling,W0136-02	Sarsfield Court ,Glanmire,Co. Cork,.,Ireland
Within the Country	20 03 07	No	118.86	bulky waste	R13	M	Weighed	Offsite in Ireland	Thornton Waste,W0044-02 / WP 291 -2007	.,.,Dublin,.,Ireland
Within the Country	20 03 07	No	1.0	bulky waste	R13	M	Weighed	Offsite in Ireland	Waste Recovery Services,W0107-01	Fermoy,.,Co.Cork,.,Ireland

* Select a row by double-clicking the Description of Waste then click the delete button

Link to previous years waste data
Link to previous years waste summary data & percentage change
Link to Waste Guidance