

Facility Information Summary

AER Reporting Year	2013
Licence Register Number	W0144-01
Name of site	Oxigen Environmental (Coes Road)
Site Location	Coes Rd, Dundalk, Co. Louth
NACE Code	
Class/Classes of Activity	Disposal 13 Recovery 2 3 4 13
National Grid Reference (6E, 6 N)	705955 807028

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.**

Sean Rooney Limited t/a Bambi Bins & Wheel Bin Services Limited was issued Waste Licence (Reg. No. W0144-01), on the 6th February 2002, to operate a Waste Transfer Station and Recycling Facility at Coes Road, Dundalk, Co. Louth. This Licence was transferred to Oxigen Environmental Ltd on the 2nd of February 2011.

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.

<u>Maria Byrne</u>	<u>21-5-14</u>
Signature Group/Facility manager (or nominated, suitably qualified and experienced deputy)	Date

AIR-summary template	Lic No: W0144-01	Year: 2013
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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

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

Emission reference no:	Parameter/ Substance	Frequency of Monitoring	ELV in licence or any revision thereof	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence limit	Method of analysis	Annual mass load (kg)	Comments - reason for change in % mass load from previous year if applicable
D1	Total Particulates	Three times a year	350mg/m2/day	100 % of values < ELV	70.1	mg/m2/day	yes	ALT	45.89	
D2	Total Particulates	Three times a year	350mg/m2/day	100 % of values < ELV	54.2	mg/m2/day	yes	ALT	35.5	
D3	Total Particulates	Three times a year	350mg/m2/day	100 % of values < ELV	125.9	mg/m2/day	yes	ALT	82.46	
D4	Total Particulates	Three times a year	350mg/m2/day	100 % of values < ELV	133	mg/m2/day	yes	ALT	87.11	

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

AIR-summary template	Lic No: W0144-01	Year: 2013
Continuous Monitoring		

4 Does your site carry out continuous air emissions monitoring?

If yes please review your continuous monitoring data and report the required fields below in Table A2 and compare it to its relevant Emission Limit Value (ELV)

5 Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below

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

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

Table A2: Summary of average emissions -continuous monitoring

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

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

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		Solvent regulations		Please refer to linked solvent regulations to complete table 5 and 6	
Total VOC Emission limit value					

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 thereof	Compliance
					SELECT
					SELECT

Table A5: Solvent Mass Balance summary

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

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER) Lic No: W0144-01 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 licensed emissions you <u>only</u> need to complete table W1 and or W2 for storm water analysis and visual inspections	SELECT
2 Was it a requirement of your licence to carry out visual inspections on any surface water discharges or watercourses on or near your site? If yes please complete table W2 below summarising <u>only any</u> evidence of contamination noted during visual inspections	SELECT

Table W1 Storm water monitoring

Location reference	Location relative to site activities	PRTR Parameter	Licensed Parameter	Monitoring date	ELV or trigger level in licence or any revision thereof*	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Comments
	SELECT	SELECT	SELECT			SELECT		SELECT	SELECT	
	SELECT	SELECT	SELECT			SELECT		SELECT	SELECT	

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

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

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

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

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

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
Foul	Wastewater/Sewer	BOD	discrete	Quarterly	Quarterly	3000	All values < ELV	1416.5	mg/L	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-5210-B	1162.94	
Foul	Wastewater/Sewer	COD	discrete	Quarterly	Quarterly	4500	All values < ELV	6242.5	mg/L	no	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-5220-D	5125.1	
Foul	Wastewater/Sewer	pH	discrete	Quarterly	Quarterly	6--9	All values < ELV	6.17	pH units	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-4500-H+	-	
Foul	Wastewater/Sewer	Temperature	discrete	Quarterly	Quarterly	30	All values < ELV	16.4	degrees C	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA- 2550-B	-	
Foul	Wastewater/Sewer	Suspended Solids	discrete	Quarterly	Quarterly	3000	All values < ELV	891.88	mg/L	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-2540-D	732.23	

5 Does your site carry out continuous emissions to water/sewer monitoring?	No
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If yes please summarise your continuous monitoring data below in Table W4 and compare it to its relevant Emission Limit Value (ELV)

6 Did continuous monitoring equipment experience downtime? If yes please record downtime in table W4 below	SELECT
7 Do you have a proactive service contract for each piece of continuous monitoring equipment on site?	SELECT
8 Did abatement system bypass occur during the reporting year? If yes please complete table W5 below	SELECT

Table W4: Summary of average emissions -continuous monitoring

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)													
				Lic No:		W0144-01		Year				2013	
Emission reference no:	Emission released to	Parameter/ Substance	ELV or trigger values in licence or any revision thereof	Averaging Period	Compliance Criteria	Units of measurement	Annual Emission for current reporting year (kg)	% change +/- from previous reporting year	Monitoring Equipment downtime (hours)	Number of ELV exceedences in reporting year	Comments		
	SELECT	SELECT		SELECT	SELECT	SELECT							
	SELECT	SELECT		SELECT	SELECT	SELECT							

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

Table W5: Abatement system bypass reporting table

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

*Measures taken or proposed to reduce or limit bypass frequency

Bund testing

dropdown menu click to see options

Additional information

Are you required by your licence to undertake integrity testing on bunds and containment structures? if yes please fill out table B1 below listing all **new bunds and containment structures** on site, in addition to **all bunds which failed** the integrity test-**all bunding structures which failed including mobile bunds must be listed in the table below, please include all bunds outside the licenced testing period** (mobile bunds and chemstore included)

- 1
- 2 Please provide integrity testing frequency period
Does the site maintain a register of bunds, underground pipelines (including stormwater and foul), Tanks, sumps and containers? (containers refers to "Chemstore" type units and mobile bunds)
- 3
- 4 How many bunds are on site?
- 5 How many of these bunds have been tested within the required test schedule?
- 6 How many mobile bunds are on site?
- 7 Are the mobile bunds included in the bund test schedule?
- 8 How many of these mobile bunds have been tested within the required test schedule?
- 9 How many sumps on site are included in the integrity test schedule?
- 10 How many of these sumps are integrity tested within the test schedule?

Yes	
3 years	
No	
1	
1	
9	
Yes	
9	
0	
0	
N/A	
N/A	
N/A	

Please list any sump integrity failures in table B1

- 11 Do all sumps and chambers have high level liquid alarms?
- 12 If yes to Q11 are these failsafe systems included in a maintenance and testing programme?
- 13 Is the Fire Water Retention Pond included in your integrity test programme?

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

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

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

Has integrity testing been carried out in accordance with licence requirements and are all structures tested in line with BS8007/EPA Guidance?

[bundings and storage guidelines](#)

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

Commentary	
SELECT	
SELECT	
SELECT	

Pipeline/underground structure testing

Are you required by your licence to undertake integrity testing* on underground structures e.g. pipelines or sumps etc? if yes please fill out table 2 below listing all

- 1 underground structures and pipelines on site **which failed the integrity test and all which have not been tested within the integrity test period as specified**

2 Please provide integrity testing frequency period

*please note integrity testing means water tightness testing for process and foul pipelines (as required under your licence)

SELECT	
SELECT	

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

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

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

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

Please 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 interpretation as an additional section in this AER

Please enter interpretation of data here

Table 1: Upgradient Groundwater monitoring results

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

.+ where average indicates arithmetic mean

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

Table 2: Downgradient Groundwater monitoring results

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

Groundwater/Soil monitoring template		Lic No:	W0144-01	Year	2013
<p>*please note exceedance of generic assessment criteria (GAC) such as a Groundwater Threshold Value (GTV) or an Interim Guideline Value (IGV) or an upward trend in results for a substance indicates that further interpretation of monitoring results is required. In addition to completing the above table, please complete the Groundwater Monitoring Guideline Template Report at the link provided and submit separately through ALDER as a licensee return or as otherwise instructed by the EPA.</p>		<p>Groundwater monitoring template</p>			
<p>More information on the use of soil and groundwater standards/ generic assessment criteria (GAC) and risk assessment tools is available in the EPA published guidance (see the link in G31)</p>		<p>Guidance on the Management of Contaminated Land and Groundwater at EPA Licensed Sites (EPA 2013).</p>			
<p>**Depending on location of the site and proximity to other sensitive receptors alternative Receptor based Water Quality standards should be used in addition to the GTV e.g. if the site is close to surface water compare to Surface Water Environmental Quality Standards (SWEQS), If the site is close to a drinking water supply compare results to the Drinking Water Standards (DWS)</p>		<p>Groundwater Drinking water Surface regulations (private supply) Drinking water (public Interim Guideline water EQS GTV's standards supply) standards Values (IGV)</p>			

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

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

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

Environmental Management Programme/Continuous Improvement Programme template	Lic No:	W0144-01	Year	2013
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	Highlighted cells contain dropdown menu click to view	Additional Information
1	Do you maintain an Environmental Management 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	To replace doors which are not required for access with solid walls.	0	Agreement approved with agency to commence works however no further progress has been made to date. (In relation to CI 000373)	Section Head	Reduced emissions
Reduction of emissions to Air	To seal all gaps around doors & walls.	100	All gaps around doors and walls were sealed	Section Head	Reduced emissions
Reduction of emissions to Air	To assess the existing conditions against remedial works to be carried out to the MWPB to determine possibility of installing an odour abatement system in addition to the odour neutralizer system already installed.	0	Assessment carried out and agreed with the agency on carrying out a phased approach to determine whether system is required. (In relation to CI 000373)	Section Head	Reduced emissions
Waste reduction/Raw material usage efficiency	To commence processing and production of RDF wrapped bales for export to an approved recovery facility.	0	Discussed with the agency, however no further progress has been made.	Section Head	Installation of infrastructure
Additional improvements	Construct a new workshop/garage for on site vehicle maintenance.	100	Construction complete	Section Head	Installation of infrastructure
Reduction of emissions to Water	Remedial works carried out to all concrete hardstand areas.	100		Section Head	Reduced emissions

Environmental Management Programme/Continuous Improvement Programme template			Lic No:	W0144-01	Year	2013
Additional improvements	Implement new cleaning & pest control procedure on site to mitigate against any possible nuisances.	100		Section Head	Increased compliance with licence conditions	

Noise monitoring summary report	Lic No: W0144-01	Year	2013
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1 Was noise monitoring a licence requirement for the AER period?

If yes please fill in table N1 noise summary below

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](#)

3 Does your site have a noise reduction plan

4 When was the noise reduction plan last updated?

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

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)?
13/12/2013	10:02- 11:02	NSL 1		67.7	53	67.2		No	SELECT	Site noise is at 54-55dB with a max of 58dB. At 46 minutes into the run they started to push the glass stockpile and noise levels were 60-84dB. Trucks going in and out are at 60-67dB. Traffic noise from road is at 50-55dB. Main source of noise is from the site.	No
13/12/2013	11:10- 12:10	NSL 3		51.7	47.6	55.3		No		This location is located at the back of the site. Yard activity audible at 47-48dB. Traffic audible in distance frequent at 48-51dB	No

13/12/2013	10:26- 11:26	NSL 4		57.7	54.6	62.2		No		This location is located behind the municipal waste shed. Fan on adjacent oxygen building constant at 55dB. Forklift truck occasionally audible from site at 55-75dB	No
13/12/2013	20:56- 21:11	NSL 1		55.3	45.8	58.3		No		The area was quiet as the yard was not in use. Traffic from road audible in background up to 50dB at times. LA90 is reflection of site noise.	Yes
13/12/2013	21:19- 21:34	NSL 3		45.9	44.1	150		No		The area was quiet as the yard was not in use. Traffic from road audible in background constant at 47dB.	Yes
13/12/2013	21:07- 21:22	NSL 4		49.1	45.3	62.9		No		The site was quiet at 42-45dB. Road noise frequent at 48dB	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?

operational changes

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

Additional information

Enter date of audit	
SELECT	
SELECT	

Table R1 Energy usage on site				
Energy Use	Previous year	Current year	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)	106798	162964	52%	105%
Total Energy Generated (MWHrs)				
Total Renewable Energy Generated (MWHrs)				
Electricity Consumption (MWHrs)	106798	162964	52%	105%
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)	63024	43994.4	-30%	6.51
Light Fuel Oil (m3)				
Natural gas (m3)				
Coal/Solid fuel (metric tonnes)				
Peat (metric tonnes)				
Renewable Biomass				
Renewable energy generated on site				

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

Table R2 Water usage on site					Water Emissions	Water Consumption	
Water use	Water extracted Previous year m3/yr.	Water extracted Current year m3/yr.	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*	Volume Discharged back to environment(m ³ /yr):	Volume used i.e not discharged to environment e.g. released as steam m3/yr	Unaccounted for Water:
Groundwater							
Surface water							
Public supply	1670	1623	3%	28			0
Recycled water							
Total	1670	1623	3%	28			0

* 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)					
Non-Hazardous (Tonnes)					

Resource Usage/Energy efficiency summary Lic No: W0144-01 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
			SELECT					
			SELECT					
			SELECT					

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

	Unit ID	Unit ID	Unit ID	Unit ID	Station Total
Technology					
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

Additional information

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

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
30/01/2013	Odour		Bad odour emanating from the plant	Misplaced skip on site moved	Complete	30/01/2013	
19/02/2013	Odour		Bad odour emanating from the plant	Misplaced skip on site moved	Complete	20/02/2013	
04/03/2013	Noise		Bad odour emanating from the plant	Fly calling device is only used sporadically and so could not be adding to background noise	Complete	05/03/2013	
19/03/2013	Other	Fly nuisance	Complaints of excess number of flies	Investigation carried out concluded that fly activity on site was low	Complete	20/03/2013	
05/04/2013	Other	Fly nuisance	Complaints of excess number of flies	Investigation carried out concluded that fly activity on site was low	Complete	05/04/2013	
22/04/2013	Odour		Bad odour emanating from the plant	All operations onsite were reviewed. Corrective actions were carried out and the facility continued to be closely monitored.	Complete	23/04/2013	
18/04/2013	Other	Fly nuisance	Complaints of excess number of flies	Investigation carried out concluded that fly activity on site was low	Complete	19/04/2013	
07/06/2013	Odour		Bad odour emanating from the plant	All operations onsite were reviewed. Corrective actions were carried out and the facility continued to be closely monitored.	Complete	08/06/2013	
10/06/2013	Odour		Bad odour emanating from the plant	All operations onsite were reviewed. Corrective actions were carried out and the facility continued to be closely monitored.	Complete	11/06/2013	
12/06/2013	Odour		Bad odour emanating from the plant	All operations onsite were reviewed. Corrective actions were carried out and the facility continued to be closely monitored.	Complete	12/06/2013	
18/06/2013	Odour		Bad odour emanating from the plant	All operations onsite were reviewed. Corrective actions were carried out and the facility continued to be closely monitored.	Complete	18/06/2013	
20/06/2013	Odour		Bad odour emanating from the plant	All operations onsite were reviewed. Corrective actions were carried out and the facility continued to be closely monitored.	Complete	20/06/2013	
02/07/2013	Odour		Bad odour emanating from the plant	All operations onsite were reviewed. Corrective actions were carried out and the facility continued to be closely monitored.	Complete	02/07/2013	
03/07/2013	Odour		Bad odour emanating from the plant	All operations onsite were reviewed. Corrective actions were carried out and the facility continued to be closely monitored.	Complete	03/07/2013	
04/07/2013	Odour		Bad odour emanating from the plant	All operations onsite were reviewed. Corrective actions were carried out and the facility continued to be closely monitored.	Complete	04/07/2013	
08/07/2013	Odour		Bad odour emanating from the plant	All operations onsite were reviewed. Corrective actions were carried out and the facility continued to be closely monitored.	Complete	08/07/2013	
10/07/2013	Odour		Bad odour emanating from the plant	All operations onsite were reviewed. Corrective actions were carried out and the facility continued to be closely monitored.	Complete	10/07/2013	
11/07/2013	Odour		Bad odour emanating from the plant	Stock levels were kept to a minimum and the yard cleaned.	Complete	11/07/2013	
11/07/2013	Odour		Bad odour emanating from the plant	Stock levels were kept to a minimum and the yard cleaned.	Complete	11/07/2013	
12/07/2013	Odour		Bad odour emanating from the plant	All operations onsite were reviewed. Corrective actions were carried out and the facility continued to be closely monitored.	Complete	12/07/2013	

Complaints and Incidents summary template Lic No: W0144-01 Year #

Date	Category	Description	Details	Status	Date	#
27/09/2013	Odour	Bad odour emanating from the plant	EPA informed that monitoring is ongoing with yard being cleaned daily. Processing of MSW was temporarily suspended.	Complete	27/09/2013	
27/09/2013	Odour	Bad odour emanating from the plant	EPA informed that monitoring is ongoing with yard being cleaned daily. Processing of MSW was temporarily suspended.	Complete	27/09/2013	
30/09/2013	Odour	Bad odour emanating from the plant	EPA informed that monitoring is ongoing with yard being cleaned daily. Processing of MSW was temporarily suspended.	Complete	30/09/2013	
30/09/2013	Odour	Bad odour emanating from the plant	EPA informed that monitoring is ongoing with yard being cleaned daily. Processing of MSW was temporarily suspended.	Complete	30/09/2013	
02/10/2013	Odour	Bad odour emanating from the plant	All operations onsite were reviewed. Corrective actions were carried out and the facility continued to be closely monitored.	Complete	02/10/2013	
07/10/2013	Odour	Bad odour emanating from the plant	All operations onsite were reviewed. Corrective actions were carried out and the facility continued to be closely monitored.	Complete	07/10/2013	
14/10/2013	Odour	Bad odour emanating from the plant	All operations onsite were reviewed. Corrective actions were carried out and the facility continued to be closely monitored.	Complete	15/10/2013	
14/10/2013	Odour	Bad odour emanating from the plant	All operations onsite were reviewed. Corrective actions were carried out and the facility continued to be closely monitored.	Complete	15/10/2013	
14/10/2013	Odour	Bad odour emanating from the plant	All operations onsite were reviewed. Corrective actions were carried out and the facility continued to be closely monitored.	Complete	15/10/2013	
14/10/2013	Odour	Bad odour emanating from the plant	All operations onsite were reviewed. Corrective actions were carried out and the facility continued to be closely monitored.	Complete	15/10/2013	
15/10/2013	Odour	Bad odour emanating from the plant	All operations onsite were reviewed. Corrective actions were carried out and the facility continued to be closely monitored.	Complete	16/10/2013	
17/10/2013	Odour	Bad odour emanating from the plant	All operations onsite were reviewed. Corrective actions were carried out and the facility continued to be closely monitored.	Complete	17/10/2013	
21/10/2013	Odour	Bad odour emanating from the plant	All operations onsite were reviewed. Corrective actions were carried out and the facility continued to be closely monitored.	Complete	22/10/2013	
24/10/2013	Odour	Bad odour emanating from the plant	All operations onsite were reviewed. Corrective actions were carried out and the facility continued to be closely monitored.	Complete	24/10/2013	
02/12/2013	Odour	Bad odour emanating from the plant	All operations onsite were reviewed. Corrective actions were carried out and the facility continued to be closely monitored.	Complete	03/12/2013	
18/12/2013	Odour	Bad odour emanating from the plant	All operations onsite were reviewed. Corrective actions were carried out and the facility continued to be closely monitored.	Complete	18/12/2013	
20/12/2013	Odour	Bad odour emanating from the plant	All operations onsite were reviewed. Corrective actions were carried out and the facility continued to be closely monitored.	Complete	21/12/2013	
Total complaints				0		
Total new				79		
Total complaints				79		
Balance of				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

*For information on how to [view this data](#)

Table 2 Incidents summary

Additional information

SELECT

WASTE SUMMARY	Lic No:	W0144-01	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

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)

Additional Information	
SELECT	

If yes please enter details in table 1 below

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

SELECT	
SELECT	

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

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)

Licensed annual tonnage limit for your site (total tonnes/annum)	EWC code	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 -
Household 35000	15 01 01	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Cardboard	1460.28	1465.54	-0.35%			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
C&D 20000	17 01 01	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Clean Concrete	92.08		100%			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
C&D 20000	17 09 04	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	C&D Waste	6332.89	7482.03	-15%			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
Household 35000	20 03 07	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	C&I Waste	13.92	9.06	54%			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
C&D 20000	17 01 07	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Crushed Rubble	112.91	298.71	-62%			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
Commercial 5000	02 02 03	02- WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING	Food (meat, fish animal)	430.34	667.6	-35%			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
Household 35000	20 02 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Green Biodegradable Waste	0.72		100%			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		

WASTE SUMMARY			Lic No:		W0144-01		Year		2013		
Household 35000	20 01 08	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Household Bio waste- Brown Bin	1774.46	2621.39	-32%			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
Household 35000	20 01 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Mixed Paper	366.36	45.16	711%			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
Household 35000	20 03 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	MSW Municipal Waste	17516.03	18524.08	18%			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
C&D 20000	17 02 03	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Plastics- Hard	19.07		100%			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
Household 35000	20 01 39	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Plastics- Mixed	32.61	39.76	18%			R13-Storage of waste pending any of the		
C&D 20000	20 02 02	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Soils & Stones	322.29	333.08	3%			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
Commercial 5000	20 01 40	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Steel - Commercial	191.09	239.66	20%			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
C&D 20000	20 03 03	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Street Sweepings	350.8		100%			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
Commercial 5000	08 03 18	08- WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	Toner	180.15		100%			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
	20 01 36	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	WEEE- Electrical Cabling	3.71		100%			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
	20 01 35*	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	WEEE- Hazardous	6.08		100%			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		

WASTE SUMMARY			Lic No:	W0144-01	Year	2013	
	20 01 36	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	WEEE- Mixed	3.92		100%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)
C&D 20000	20 01 38	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Wood- Non packaging	166.28	152.5	9%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)
C&D 20000	15 01 03	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Wood- Packaging	4.2	5.99	-30%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)
Household 35000	20 03 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	DMR	6287.88	15915.93	-61%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)
Household 35000	15 01 07	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Glass	221.93	487.21	54%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)
Household 35000	20 01 11	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Textiles		4.92	-100%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)

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

SELECT	
SELECT	

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

SELECT	
SELECT	
SELECT	

6 Does your facility have relevant nuisance controls in place?

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

8 Do you maintain a sludge register on site?

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

WASTE SUMMARY	Lic No:	W0144-01	Year	2013
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Table 4 Environmental monitoring-landfill only [Landfill Manual-Monitoring Standards](#)

Was meteorological 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
SELECT

10 Is leachate released to surface water? If yes please complete leachate mass load information below

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	

[Guidance to completing the PRTR workbook](#)

AER Returns Workbook

Version 1.1.18

REFERENCE YEAR	2013
-----------------------	------

1. FACILITY IDENTIFICATION

Parent Company Name	Oxigen Environmental Limited
Facility Name	Oxigen Environmental Limited (Coes Road)
PRTR Identification Number	W0144
Licence Number	W0144-01

Waste or IPPC Classes of Activity

No.	class_name
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.
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.
4.2	Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).
4.3	Recycling or reclamation of metals and metal compounds.
4.4	Recycling or reclamation of other inorganic materials.
Address 1	Coes Road
Address 2	Dundalk
Address 3	Co Louth
Address 4	
	Louth
Country	Ireland
Coordinates of Location	-6.38396 54.0015
River Basin District	GBNIIENB
NACE Code	3821
Main Economic Activity	Treatment and disposal of non-hazardous waste
AER Returns Contact Name	Maria Byrne
AER Returns Contact Email Address	mabyrne@oxigen.ie
AER Returns Contact Position	Environmental Compliance Officer
AER Returns Contact Telephone Number	014263129
AER Returns Contact Mobile Phone Number	086048894
AER Returns Contact Fax Number	
Production Volume	0.0
Production Volume Units	
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	15
User Feedback/Comments	
Web Address	

2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
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?	
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](#)

Do you import/accept waste onto your site for on-site treatment (either recovery or disposal activities) ?	
--	--

This question is only applicable if you are an IPPC or Quarry site

4.1 RELEASES TO AIR

[Link to previous years emissions data](#)

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

POLLUTANT		METHOD			Please enter all quantities in this section in KGs			
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

POLLUTANT		METHOD			Please enter all quantities in this section in KGs			
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)

POLLUTANT		METHOD			Please enter all quantities in this section in KGs						
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
210	Dust	M	ALT	VDI 4320 Part 2	45.89	35.5	82.46	87.11	250.96	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: Please enter summary data on the quantities of methane flared and / or utilised	Oxygen Environmental Limited (Coes Road)			
	T (Total) kg/Year	M/C/E	Method Code	Designation or Description
Total estimated methane generation (as per site model)	0.0			Facility Total Capacity m3 per hour
Methane flared	0.0			0.0 (Total Flaring Capacity)
Methane utilised in engines	0.0			0.0 (Total Utilising Capacity)
Net methane emission (as reported in Section A above)	0.0			N/A

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 on

RELEASES TO WATERS					Please enter all quantities in this section in KGs			
POLLUTANT		Method Used			QUANTITY			
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		Method Used			QUANTITY			
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		Method Used			QUANTITY			
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

ly concerns Releases from your facility

4.3 RELEASES TO WASTEWATER OR SEWER

[Link to previous years emissions data](#)

| PRTR#: W0144 | Facility Name : Oxigen Environmental Limited (Coes Road) | Filename : PRTR W0 | 21/05/2014 13:54

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				
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	
76	Total organic carbon (TOC) (as total C or COD/3)	M	ALT			1708.3	1708.3	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				
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	
303	BOD	M	ALT	APHA-5210-B		1162.94	1162.94	0.0	0.0
306	COD	M	ALT	APHA-5220-D		5125.1	5125.1	0.0	0.0
240	Suspended Solids	M	ALT	APHA-2540-D		732.23	732.23	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		
No. Annex II	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year
			Method Code	Designation or Description			
					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		
Pollutant No.	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year
			Method Code	Designation or Description			
					0.0	0.0	0.0

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

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

PRTR : W0144 | Facility Name : Oxigen Environmental Limited (Coes Road) | Filename : PRTR W0144_2013.xls | Return Year : 2013

21/05/2014 13:54

Please enter all quantities on this sheet in Tonnes

40

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Hazard Waste - Name and Licence/Permit No of Next Destination Facility Non Hazard Waste - Name and Licence/Permit No of Recover/Disposer	Hazard Waste - Address of Next Destination Facility Non Hazard Waste - Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer/ Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination (i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY))
						M/C/E	Method Used					
Within the Country	02 02 03	No	338.25	materials unsuitable for consumption or processing	R1	M	Weighted	Offsite in Ireland	Colleqe Proteins,P0037-03	...Nobber,Co. Meath,Ireland Kilmainham Wood		
Within the Country	02 02 03	No	797.64	materials unsuitable for consumption or processing	R3	M	Weighted	Offsite in Ireland	Padraig Thomtons Waste Disposal Ltd,W0195-01	J.Kells,Co.Meath Jreland Merrywell Industrial Estate,Ballymount Road Lower,Clonsalkin,Dublin,Irel and		
Within the Country	15 01 01	No	1702.13	paper and cardboard packaging	R3	M	Weighted	Offsite in Ireland	Oxigen Environmental Ltd,W0208-01	...IDA Business Park,Cooterhill,Co.Cavan,Irel and		
Within the Country	17 02 03	No	3.18	plastic	R3	M	Weighted	Offsite in Ireland	Retech Processing Ltd,WFP-CN-10-0004-01	...IDA Business Park,Cooterhill,Co.Cavan,Irel and		
Within the Country	20 01 39	No	8.22	plastics	R3	M	Weighted	Offsite in Ireland	Retech Processing Ltd,WFP-CN-10-0004-01	...IDA Business Park,Cooterhill,Co.Cavan,Irel and		
Within the Country	15 01 03	No	43.97	wooden packaging	R3	M	Weighted	Offsite in Ireland	Various Pallet Suppliers,NAIreland ...Ballymount Avenue,Ballymount,Dublin 22,Ireland		
Within the Country	15 01 07	No	145.92	glass packaging	R5	M	Weighted	Offsite in Ireland	Rehab Glascco,WPR004Ireland ...Ballymount Avenue,Ballymount,Dublin 22,Ireland		
Within the Country	17 09 04	No	9804.09	09 02 and 17 09 03 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 03	R12	M	Weighted	Offsite in Ireland	Oxigen Environmental Ltd,W0208-01	...IDA Business Park,Cooterhill,Co.Cavan,Irel and		
Within the Country	19 12 12	No	36.32	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R13	M	Weighted	Offsite in Ireland	Oxigen Environmental Ltd,W0152-03	...Robinhood Road,Clonsalkin,Dublin 22,Ireland		
Within the Country	19 12 12	No	1763.48	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	D1	M	Weighted	Offsite in Ireland	Knooharley Landfill,W0167-02	Navan,Co. Meath,....Ireland		
Within the Country	19 12 12	No	69.68	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	D1	M	Weighted	Offsite in Ireland	Ballynagran Landfil,W0165-02	Ballynagran Landfill,Co. Wicklow,....Ireland		
Within the Country	19 12 12	No	149.53	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R3	M	Weighted	Offsite in Ireland	Enrich Environmental, WFP_MH_08_0004_02	Kilcock,Co. Meath,....Ireland ...Ballintra Fensgh,Co.Carl ow,Ireland ...East Twin Road,Belfast BT39EN,Co.Antrim,Ireland		
Within the Country	20 01 08	No	363.04	biodegradable kitchen and canteen waste	R3	M	Weighted	Offsite in Ireland	Ltd,WFP 01/07	...IDA Business Park,Cooterhill,Co.Cavan,Irel and		
Within the Country	20 01 40	No	127.7	metals	R4	M	Weighted	Offsite in Ireland	Cleasway Disposal Ltd,LN05/02/A	...IDA Business Park,Cooterhill,Co.Cavan,Irel and		
Within the Country	20 03 01	No	3719.09	mixed municipal waste	R12	M	Weighted	Offsite in Ireland	Oxigen Environmental Ltd,W0208-01	...IDA Business Park,Cooterhill,Co.Cavan,Irel and		
Within the Country	20 03 01	No	1187.5	mixed municipal waste	R12	M	Weighted	Offsite in Ireland	Re-Gen Waste,LN 22/25	BT356,JQ,Ireland		
Within the Country	20 03 01	No	258.04	mixed municipal waste	D5	M	Weighted	Offsite in Ireland	Bord na Mona Dredhid Waste Management Facility,W0203-03	...Drehid,Carbury,Co.Kildare,Ireland		
Within the Country	20 03 01	No	3600.06	mixed municipal waste	R13	M	Weighted	Offsite in Ireland	Oxigen Environmental Ltd,W0152-03	...Robinhood Road,Clonsalkin,Dublin 22,Ireland		
Within the Country	20 03 01	No	9762.27	mixed municipal waste	D10	M	Weighted	Offsite in Ireland	Indaver Ireland,W0167-02	Carranstown,....Duleek,Co.Me ath,Ireland		
Within the Country	20 01 08	No	750.36	biodegradable kitchen and canteen waste other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R3	M	Weighted	Offsite in Ireland	Enrich Environmental, WFP_MH_08_0004_02	Kilcock,Co. Meath,....Ireland		
Within the Country	19 12 12	No	135.14	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	D5	M	Weighted	Offsite in Ireland	Bord na Mona Dredhid Waste Management Facility,W0203-03	...Drehid,Carbury,Co.Kildare,Ireland		
Within the Country	20 01 21	Yes	21.02	fluorescent tubes and other mercury-containing waste	R12	M	Weighted	Offsite in Ireland	Oxigen Environmental Ltd,W0208-01	...IDA Business Park,Cooterhill,Co.Cavan,Irel and	Oxigen Environmental,W0208-01,Merrywell Industrial Estate,Ballymount Road Lower,Dublin 22,....Ireland	Merrywell Industrial Estate,Ballymount Road Lower,Dublin 22,....Ireland
Within the Country	15 01 07	No	28.38	glass packaging	R12	M	Weighted	Offsite in Ireland	Oxigen Environmental Ltd,W0208-01	...IDA Business Park,Cooterhill,Co.Cavan,Irel and		
Within the Country	20 01 39	No	15.22	plastics	R12	M	Weighted	Offsite in Ireland	Oxigen Environmental Ltd,W0208-01	...IDA Business Park,Cooterhill,Co.Cavan,Irel and		
Within the Country	17 02 03	No	15.12	plastic	R12	M	Weighted	Offsite in Ireland	Oxigen Environmental Ltd,W0208-01	...IDA Business Park,Cooterhill,Co.Cavan,Irel and		
Within the Country	20 01 38	No	3.54	wood other than that mentioned in 20 01 37 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 03	R12	M	Weighted	Offsite in Ireland	Oxigen Environmental Ltd,W0208-01	...IDA Business Park,Cooterhill,Co.Cavan,Irel and		
Within the Country	17 09 04	No	18.38	09 02 and 17 09 03 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 03	R13	M	Weighted	Offsite in Ireland	Oxigen Environmental Ltd,W0152-03	...Robinhood Road,Clonsalkin,Dublin 22,Ireland		
Within the Country	20 01 08	No	119.14	biodegradable kitchen and canteen waste other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R13	M	Weighted	Offsite in Ireland	Oxigen Environmental Ltd,W0152-03	...Robinhood Road,Clonsalkin,Dublin 22,Ireland		
Within the Country	19 12 12	No	306.95	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R13	M	Weighted	Offsite in Ireland	Oxigen Environmental Ltd,W0152-03	...Robinhood Road,Clonsalkin,Dublin 22,Ireland		
Within the Country	17 09 04	No	36.41	09 02 and 17 09 03 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 03	R4	M	Weighted	Offsite in Ireland	Multimetals Recycling Ltd.,WFP-WW-10-0014-02	...IDA Business Park,Cooterhill,Co.Cavan,Irel and		
Within the Country	20 01 40	No	70.9	metals	R4	M	Weighted	Offsite in Ireland	Multimetals Recycling Ltd.,WFP-WW-10-0014-02	...IDA Business Park,Cooterhill,Co.Cavan,Irel and		
Within the Country	20 01 40	No	81.91	metals	R4	M	Weighted	Offsite in Ireland	Multimetals Recycling Ltd.,WFP-WW-10-0014-02	...IDA Business Park,Cooterhill,Co.Cavan,Irel and		
Within the Country	15 01 04	No	18.92	metallic packaging	R5	M	Weighted	Offsite in Ireland	Multimetals Recycling Ltd.,WFP-WW-10-0014-02	...IDA Business Park,Cooterhill,Co.Cavan,Irel and		
Within the Country	17 09 04	No	21.4	09 02 and 17 09 03 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 03	R5	M	Weighted	Offsite in Ireland	Quality Recycling Ltd,WFP-TS-12-0002-01	Ballyinch,Carrick-on-suir,Co. Tipperary,....Ireland		
To Other Countries	19 12 12	No	16.58	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R12	M	Weighted	Abroad	Recyfuel,....	Zoning Industriel d'Ehein,BE 4480,Ensis,....Belgium Shepherds Drive,Carnabane Industrial Estate,Newry,Co Down BT356,JQ,Ireland		
Within the Country	15 01 01	No	32.78	paper and cardboard packaging	R3	M	Weighted	Offsite in Ireland	Re-Gen Waste,LN 22/25	BT356,JQ,Ireland		
Within the Country	15 01 01	No	31.95	paper and cardboard packaging	R3	M	Weighted	Offsite in Ireland	Padraig Thornton Waste Disposal Limited,W0242-01	Millenium Business Park,Cappagh Road,Grange,Dublin11,Ireland		
Within the Country	20 03 01	No	41.34	mixed municipal waste	R3	M	Weighted	Offsite in Ireland	Padraig Thornton Waste Disposal Limited,W0242-01	Millenium Business Park,Cappagh Road,Grange,Dublin11,Ireland		
Within the Country	20 01 08	No	10.78	biodegradable kitchen and canteen waste	R3	M	Weighted	Offsite in Ireland	Padraig Thornton Waste Disposal Limited,W0242-01	Millenium Business Park,Cappagh Road,Grange,Dublin11,Ireland		
Within the Country	20 01 01	No	15.08	paper and cardboard	R12	M	Weighted	Offsite in Ireland	Oxigen Environmental Ltd,W0208-01	...IDA Business Park,Cooterhill,Co.Cavan,Irel and		
Within the Country	20 01 38	No	131.69	wood other than that mentioned in 20 01 37 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 03	R12	M	Weighted	Offsite in Ireland	Owen Duffy, WCP/MH2001/29B	Rtd,Carrickmacross,Co Monaghan,....Ireland Crag Avenue,Clonsalkin Industrial Estate,Dublin 22,....Ireland		
Within the Country	20 03 01	No	205.68	mixed municipal waste	R12	M	Weighted	Offsite in Ireland	Greyhound Recycling & Recovery,W0205-01	...IDA Business Park,Cooterhill,Co.Cavan,Irel and		

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