

Facility Information Summary

AER Reporting Year	2013
Licence Register Number	W0208-01
Name of site	Oxigen Environmental (Ballymount)
Site Location	Merrywell Industrial Estate, Ballymount, Dublin 22
NACE Code	
Class/Classes of Activity	(Licence Activities) 7,11,12,13, Class (Recovery) 2,3,4,11,12,13
National Grid Reference (6E, 6 N)	E309627, N230736

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.**

Oxigen Environmental Ltd. (Oxigen) was granted waste licence W208-01 in March 2006 and began operating under this licence on 1st July 2006. Oxigen operate a dry recycling, C&D and general skip waste recovery facility. SRF (Solid Recoverable Fuel production commenced at the facility in Oct 2012. The site is also a transfer station for Hazardous Waste (mainly asbestos).

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.

Signature	Date
Group/Facility manager	
<small>(or nominated, suitably qualified and experienced deputy)</small>	

Answer all questions and complete all tables where relevant

Additional information

1 Does your site have licensed air emissions? If yes please complete table A1 and A2 below for the current reporting year and answer further questions. If **you do not have** licenced emissions and **do not complete a solvent management plan** (table A4 and A5) you do not need to complete the tables

No	
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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	
--------	--

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
D1	Total Particulates	Bi-annual	350	100 % of values < ELV	97.05	mg/m2/day	yes	ALT	306.6	
D2	Total Particulates	Bi-annual	350	100 % of values < ELV	182.1	mg/m2/day	yes	ALT	575.4	
D3	Total Particulates	Bi-annual	350	100 % of values < ELV	103.6	mg/m2/day	yes	ALT	327.36	
	SELECT			SELECT		SELECT	SELECT	SELECT		

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

Continuous Monitoring

4 Does your site carry out continuous air emissions monitoring?

SELECT

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

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.	Solvents destroyed onsite through	Total emission of Solvent to air (kg)
							Total	

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

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

SELECT	Additional information
SELECT	

Table W1 Storm water monitoring

Location reference	Location relative to site activities	PRTR Parameter	Licenced Parameter	Monitoring date	ELV or trigger level in licence or any	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)

Was there any result in breach of licence requirements? If yes please provide brief details in the comment section of Table W3 below

Was all monitoring carried out in accordance with [External](#) EPA guidance and checklists for Quality of Aqueous [/Internal](#) Monitoring Data Reported to the EPA? If no please [Lab](#) [Assessment](#) detail what areas require improvement in [Quality of results](#) additional information box [checklist](#) [checklist](#)

SELECT	Additional information
SELECT	

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

Emission reference no:	Emission released to	Parameter/ SubstanceNote 1	Type of sample	Frequency of monitoring	Averaging period	trigger values in licence or any revision	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	pH	discrete	Monthly	Monthly	6-10	All values < ELV	8.15	pH units	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-4500-H+		
Foul	Wastewater/Sewer	Temperature	discrete	Monthly	Monthly	42	All values < ELV	15.43	degrees C	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA- 2550-B		
Foul	Wastewater/Sewer	BOD	discrete	Monthly	Monthly	1000	All values < ELV	146.53	mg/L	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-5210-B	900.54	
Foul	Wastewater/Sewer	COD	discrete	Monthly	Monthly	3000	All values < ELV	458.25	mg/L	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-5220-D	2816.4	
Foul	Wastewater/Sewer	Suspended Solids	discrete	Monthly	Monthly	1000	All values < ELV	190	mg/L	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-2540-D	1167.74	
Foul	Wastewater/Sewer	Sulphate	discrete	Monthly	Monthly	1000	All values < ELV	49.73	mg/L	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-4110-B	305.63	

AER Monitoring returns summary template-WATER/WASTEWATER(SEW) Lic No: W0208-01 Year 2013														
Foul	Wastewater/Sewer	Fats, Oils and Greases	discrete	Monthly	Monthly	100	All values < ELV	11.29	mg/L	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-5520-B	69.37
Foul	Wastewater/Sewer	Mineral oils	discrete	Monthly	Monthly	10	All values < ELV	<0.1	mg/L	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	GC-MS	<0.1
Foul	Wastewater/Sewer	Detergents (as MBAS)	discrete	Monthly	Monthly	100	All values < ELV	0.45	mg/L	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-5540-C	2.74
Foul	Wastewater/Sewer	Copper and compounds (as	discrete	Monthly	Monthly	5	All values < ELV	0.03	mg/L	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-3120-B	0.17
Foul	Wastewater/Sewer	volumetric flow	discrete	Monthly	Monthly	120	All values < ELV	1.572	m3/day	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	Calculation	
Foul	Wastewater/Sewer	Zinc and compounds (as Zn)	discrete	Monthly	Monthly	5	All values < ELV	0.02	mg/L	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-3120-B	0.13
Surface	Water	Temperature	discrete	Quarterly	Quarterly		All values < ELV	14.95	mg/L	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA- 2550-B	
Surface	Water	pH	discrete	Quarterly	Quarterly		All values < ELV	7.275	mg/L	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-4500-H+	
Surface	Water	Conductivity	discrete	Quarterly	Quarterly		All values < ELV	664	mg/L	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-2510-B	11873.54
Surface	Water	COD	discrete	Quarterly	Quarterly		All values < ELV	216.25	mg/L	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-5220-D	3866.95
Surface	Water	Suspended Solids	discrete	Quarterly	Quarterly		All values < ELV	363	mg/L	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-2540-D	6491.11
Surface	Water	Ammonia (as N)	discrete	Quarterly	Quarterly		All values < ELV	1.1575	mg/L	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA- 4500-NH3-D	20.7
Surface	Water	Mineral oils	discrete	Quarterly	Quarterly		All values < ELV	<0.1	mg/L	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	GC-MS	<0.1

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 standard

Continuous monitoring

Additional Information

Does your site carry out continuous emissions to water/sewer monitoring?

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

Did continuous monitoring equipment experience downtime? **If yes please record downtime in table W4 below**

Do you have a proactive service contract for each piece of continuous monitoring equipment on site?

Did abatement system bypass occur during the reporting year? **If yes please complete table W5 below**

Table W4: Summary of average emissions -continuous monitoring

Emission reference no:	Emission released to	Parameter/Substance	ELV or trigger values in licence or any	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					
	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					
	SELECT	SELECT		SELECT	SELECT	SELECT					
	SELECT	SELECT		SELECT	SELECT	SELECT					
	SELECT	SELECT		SELECT	SELECT	SELECT					

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

Table W5: Abatement system bypass reporting table

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

*Measures taken or proposed to reduce or limit bypass frequency

Bund testing

dropdown menu click to see options

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 1 and chemstore included)

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 3 refers to "Chemstore" type units and mobile bunds)

3 refers to "Chemstore" type units and mobile bunds)

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?

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?

Additional information

Yes	
3 years	
Yes	
15	
15	
14	
Yes	
14	
0	
0	
N/A	
N/A	
N/A	

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	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?

15

[bundling and storage guidelines](#)

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 underground structures and pipelines on site **which failed the integrity test and all which have not been tested within**

1 **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 of secondary containment	Type integrity testing	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT				SELECT

Bund/Pipeline testing template

Lic No:

W0208-01

Year

2013

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

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

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

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

Surface water EQS	Groundwater regulations GTV's	Drinking water (private supply) standards	Drinking water (public supply) standards	Guideline Values
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Table 3: Soil results

of sampli ng	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	Required but not submitted	
2	ELRA review status	Review required and not completed;	
3	Amount of Financial Provision cover required as determined by the latest ELRA	Not Complete	
4	Financial Provision for ELRA status	Not Complete	
5	Financial Provision for ELRA - amount of cover	Not Complete	
6	Financial Provision for ELRA - type	Not Complete	
7	Financial provision for ELRA expiry date	Not Complete	
8	Closure plan initial agreement status	Not Complete	
9	Closure plan review status	Not Complete	
10	Financial Provision for Closure status	Not Complete	
11	Financial Provision for Closure - amount of cover	Not Complete	
12	Financial Provision for Closure - type	Not Complete	
13	Financial provision for Closure expiry date	Not Complete	

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	Door processing building to reduce risk of fugitive dust and odours in the surrounding area - Install new Door at D4 and complete building of wall	40	Wall erected but door not installed	Section Head	Reduced emissions
Waste reduction/Raw material usage efficiency	Reduce Fuel Consumption - To implement new forklifts onsite to reduce fuel consumption	0	Objective was not fesable during 2013	Section Head	Reduced emissions
Groundwater protection	Inspection of the existing hardstand within and around the processing building & Works program established to remediate any issues with concrete hardstand	70	New concrete in certain areas of the site. Some ares still in need of attention	Section Head	Reduced emissions
Additional improvements	Carry out landscaping around the perimeter of the site to screen facility to improve aesthetics &	0	Objective was not fesable during 2013	Section Head	Less complaints
Waste reduction/Raw material usage efficiency	To introduce a production report on site to assess weekly the production on the C&I and Dry Recyclable line.	100	Production report implemented using weekly tonnages and various varibale costs	Section Head	Reduced emissions
Additional improvements	Bespoke training to be carried out with key membesr of staff to increase environmental awareness on site. All training to be approved by the EPA and in complaince with licence requirements	0	Objective was not fesable during 2013	Section Head	Increased compliance with licence conditions

Waste reduction/Raw material usage efficiency	Environmental Education of our customer base and increase awareness with regard to recovery - New Educational Website	100	Launch of new education web site http://www.theenvironmentals.ie/	Section Head	Increased compliance with licence conditions
Additional improvements	To install a weather station at the Ballymount site to work to aid in investigating odours and verify any odour complaints that may occur.	100	Weather station installed and in use for complaint investigation and general info	Section Head	Increased compliance with licence conditions

1 Was noise monitoring a licence requirement for the AER period?

No

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](#)

No

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?

No

Table N1: Noise monitoring summary

Date of monitoring	Time period	Noise location (on site)	Noise sensitive location -NSL (if applicable)	LA _{eq}	LA ₉₀	LA ₁₀	LA _{max}	Tonal or Impulsive noise* (Y/N)	If tonal /impulsive noise was identified was 5dB penalty applied?	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is site compliant with noise limits (day/evening/night)?
								SELECT	SELECT		SELECT

*Please ensure that a tonal analysis has been carried out as per guidance note NG4. These records must be maintained onsite for future inspection

If noise limits exceeded as a result of noise attributed to site activities, please choose the corrective action from the following options?

SELECT

** please explain the reason for not taking action/resolution of noise issues?

Any additional comments? (less than 200 words)

Additional information

- 1 When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below
- 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
- 3 Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information

7th July 2009	Electrical boards changed in Retec processing building swapping the 630 kVa transformer for a 1600kVa
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)	241	209	-13%	-13%
Total Energy Generated (MWHrs)	0	0	-	-
Total Renewable Energy Generated (MWHrs)	0	0	-	-
Electricity Consumption (MWHrs)				
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)	259.85	291.73	12%	20%
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 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*	Water Emission Water Consumption		
					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		6146			6146		
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)					

Resource Usage/Energy efficiency summary

Lic No:

W0208-01

Year

2013

Non-Hazardous (Tonnes)					
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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	
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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
05/07/2013		Flies	Flies at local residents home	Fly fogging and spraying carried out	Complete	05/07/2013	N/A
14/07/2013	Odour		Waste odours detected at local residents home	Inspection and site investigation carried out. Extra monitoring to ensure compliance	Complete	14/07/2013	N/A
16/07/2013		Flies	Flies at local residents home	Fly fogging and spraying carried out	Complete	16/07/2013	N/A
18/07/2013	Odour		Waste odours detected at local residents home	Inspection and site investigation carried out. Extra monitoring to ensure compliance	Complete	18/07/2013	N/A
01/09/2013	Odour		Waste odours detected at local residents home	Inspection and site investigation carried out. Extra monitoring to ensure compliance	Complete	01/09/2013	N/A
06/09/2013		Flies	Flies at local residents home	Fly fogging and spraying carried out	Complete	06/09/2013	N/A
24/09/2013		Flies	Flies at local residents home	Fly fogging and spraying carried out	Complete	24/09/2013	N/A
01/10/2013	Odour		Waste odours detected at local residents home	Inspection and site investigation carried out. Extra monitoring to ensure compliance	Complete	01/10/2013	N/A
28/11/2013	Odour		Waste odours detected at local residents home	Inspection and site investigation carried out. Extra monitoring to ensure compliance	Complete	28/11/2013	N/A
10/12/2013	Odour		Waste odours detected at local residents home	Inspection and site investigation carried out. Extra monitoring to ensure compliance	Complete	10/12/2013	N/A
Total complaints open at start of reporting year						0	
Total new complaints received during reporting year						10	
Total complaints closed during reporting year						10	
Balance of complaints end of reporting year						0	

Incidents

Additional information

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

No	
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*For information on how to report and what constitutes an incident [What is an incident](#)

Table 2 Incidents summary

Complaints and Incidents summary template

Lic No: W0208-01

Year

2013

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 reoccurrence
	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	2													
% reduction/increase														

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

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

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

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

Additional Information

Yes	
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Yes	SRF was taken back from Drogheda Port
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No	
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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
139,000 DMR (80,000 Household & 40,000 Commercial)	15 01 04	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Aluminium cans	14.89	57.04	283%		100%	R4- Recycling/reclamation of metals and metal compounds	20	
139,000 DMR (80,000 Household & 40,000 Commercial)	15 01 07	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Glass	806.55	735.74	-9%		100%	R5- Recycling/reclamation or other inorganic materials which includes soil celaning resuling in recovery of the soil and recycling of inorganic construction materials	30	
80,000 C&D Waste	17 04 11	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Cable	9.64	19.58	103%		0%	R4- Recycling/reclamation of metals and metal compounds		

WASTE SUMMARY

Lic No:

W0208-01

Year

2013

139,000 DMR (80,000 Household & 40,000 Commercial)	15 01 01	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Cardboard packaing	4670.24	4270.51	-9%		100%	R3- Recycling/reclamation or organic substances which are not used as solvents(including composting asanother biological transformation processes)which includes gasification and pyrolysis	40	
80,000 C&D Waste	17 01 01	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Clean Concrete	9.02	0	N/A			R5- Recycling/reclamation or other inorganic materials which includes soil celaning resuling in recovery of the soil and recycling of inorganic construction materials		
80,000 C&D Waste	19 12 12	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	C&D fines	20.6	329.92	1502%			R5- Recycling/reclamation or other inorganic materials which includes soil celaning resuling in recovery of the soil and recycling of inorganic construction materials	600	
80,000 C&D Waste	19 12 12	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	C&D processed	23.54	606.52	2477%			R5- Recycling/reclamation or other inorganic materials which includes soil celaning resuling in recovery of the soil and recycling of inorganic construction materials		

WASTE SUMMARY

Lic No:

W0208-01

Year

2013

80,000 C&D Waste	17 09 04	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	C&D waste	34227.49	41466.33	21%		R5- Recycling/reclamation or other inorganic materials which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials	1820	
80,000 C&D Waste	20 03 07	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	C&I Bulky waste	24152.67	17003.66	-30%		of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, seperating, blending or		
139,000 DMR (80,000 Household & 40,000 Commercial)	20 01 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Confidential Shredded paper	7.62	7.8	2%		R3- Recycling/reclamation or organic substances which are not used as solvents(including composting asanother biological transformation processes)which includes gasification and pyrolysis		

WASTE SUMMARY

Lic No:

W0208-01

Year

2013

80,000 C&D Waste	17 01 07	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Crushed Rubble	187.32	7.72	-96%		R5- Recycling/reclamation or other inorganic materials which includes soil celaning resuling in recovery of the soil and recycling of inorganic construction materials	
139,000 DMR (80,000 Household & 40,000 Commercial)	20 03 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Dry mixed recycling	21397.03	20791.8	-3%	51%	of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, seperating, blending or	1405
80,000 C&D Waste	19 12 12	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	Dust from mechanical treatment	65.92	206.86	214%		R5- Recycling/reclamation or other inorganic materials which includes soil celaning resuling in recovery of the soil and recycling of inorganic construction materials	
80,000 C&D Waste	20 01 39	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Dust Waste	95.04	46.28	-51%		R5- Recycling/reclamation or other inorganic materials which includes soil celaning resuling in recovery of the soil and recycling of inorganic construction materials	

WASTE SUMMARY

Lic No:

W0208-01

Year

2013

80,000 C&D Waste	20 01 02	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Flat glass	6.52	27.5	322%		R5- Recycling/reclamation or other inorganic materials which includes soil celaning resuling in recovery of the soil and recycling of inorganic construction materials	
80,000 C&D Waste	20 01 21*	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Florescent tubes	0.16	0.05	-69%		R4- Recycling/reclamation of metals and metal compounds	
80,000 C&D Waste	20 01 40	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Frag feed	134.83	730.64	442%		R4- Recycling/reclamation of metals and metal compounds	25
80,000 C&D Waste	20 02 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Garden and park (inc. cemetary) waste	178.24	Includede in Green Biodegradable	N/A		R3- Recycling/reclamation or organic substances which are not used as solvents(includin g composting asanother biological transformation processes)which includes gasification and pyrolysis	
80,000 C&D Waste	20 02 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Green biodegradable waste	4351.45	4996.23	15%		R3- Recycling/reclamation or organic substances which are not used as solvents(includin g composting asanother biological transformation processes)which includes gasification and pyrolysis	180

WASTE SUMMARY

Lic No:

W0208-01

Year

2013

80,000 C&D Waste	20 02 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Green biodegradable waste	521.98	Reported Above	N/A		R3- Recycling/reclamation or organic substances which are not used as solvents(including composting as another biological transformation processes)which includes gasification and pyrolysis		
Industrial Sludges (1,000)	20 03 03	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Gully Sucker	290.86	4519.34	1454%		D6-Release into a water body except seas or oceans		
Industrial Sludges (1,000)	20 03 03	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Gully waste	626.21	Reported Above	N/A		D6-Release into a water body except seas or oceans		
80,000 C&D Waste	17 08 02	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Gypsum	180.16	192.02	7%		R5- Recycling/reclamation or other inorganic materials which includes soil celaning resuling in recovery of the soil and recycling of inorganic construction materials		
N/A	20 01 33	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Lead batteries	176.6		N/A		R4- Recycling/reclamation of metals and metal compounds		
80,000 C&D Waste	20 01 40	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Metal	74.37	Reported Above	N/A		R4- Recycling/reclamation of metals and metal compounds		20

WASTE SUMMARY

Lic No:

W0208-01

Year

2013

139,000 DMR (80,000 Household & 40,000 Commercial)	20 01 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Mixed Paper	775.16	Reported Above	#VALUE!			R3- Recycling/reclamation or organic substances which are not used as solvents(including composting asanother biological transformation processes)which includes gasification and pyrolysis	40
N/A	20 01 36	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Mixed WEEE	88.28	62.66	-29%			R4- Recycling/reclamation of metals and metal compounds	
80,000 C&D Waste	17 08 02	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Plasterboard/ Gypsum	41.45	Reported Above	N/A			R5- Recycling/reclamation or other inorganic materials which includes soil celaning resuling in recovery of the soil and recycling of inorganic construction materials	
139,000 DMR (80,000 Household & 40,000 Commercial)	15 01 02	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Plasic Bottles	244.66	1342.36	449%		100%	R3- Recycling/reclamation or organic substances which are not used as solvents(including composting asanother biological transformation processes)which includes gasification and pyrolysis	15

WASTE SUMMARY

Lic No:

W0208-01

Year

2013

139,000 DMR (80,000 Household & 40,000 Commercial)	15 01 02	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Plastic packaging	20.46	Reported Above	N/A		100%	R3- Recycling/reclamation or organic substances which are not used as solvents(including composting asanother biological transformation processes)which includes gasification and pyrolysis		
80,000 C&D Waste	17 02 03	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Plastics hard	143.36	1525.06	964%			R3- Recycling/reclamation or organic substances which are not used as solvents(including composting asanother biological transformation processes)which includes gasification and pyrolysis		
139,000 DMR (80,000 Household & 40,000 Commercial)	20 01 39	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Plastics- Mixed	1028.75	46.28	-96%		73%	R3- Recycling/reclamation or organic substances which are not used as solvents(including composting asanother biological transformation processes)which includes gasification and pyrolysis	185	
139,000 DMR (80,000 Household & 40,000 Commercial)	20 01 39	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Plastics	27.24	Reported Above	N/A			R3- Recycling/reclamation or organic substances which are not used as solvents(including composting asanother biological transformation processes)which includes gasification and pyrolysis		

WASTE SUMMARY

Lic No:

W0208-01

Year

2013

SRF (2,500)	19 12 10	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	S.R.F (Solid Recovered Fuel)	2246.24	293.96	-87%		of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, seperating, blending or	1485
80,000 C&D Waste	20 02 02	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Soil & Stones	170.72		N/A		R5- Recycling/reclamation or other inorganic materials which includes soil celaning resuling in recovery of the soil and recycling of inorganic construction materials	
80,000 C&D Waste	20 01 40	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Steel Commercial	518.93	Reported Above	N/A		R4- Recycling/reclamation of metals and metal compounds	
139,000 DMR (80,000 Household & 40,000 Commercial)	15 01 04	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Steel Packaging- Cans	27.22	Reported Above	N/A	100%	R4- Recycling/reclamation of metals and metal compounds	10
80,000 C&D Waste	20 03 03	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Street Sweeping	1184.78		N/A		R5- Recycling/reclamation or other inorganic materials which includes soil celaning resuling in recovery of the soil and recycling of inorganic construction materials	

WASTE SUMMARY

Lic No:

W0208-01

Year

2013

80,000 C&D Waste	20 03 03	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Street Sweepings	2989.35	Reported Above	N/A			R5- Recycling/reclamation or other inorganic materials which includes soil celaning resuling in recovery of the soil and recycling of inorganic construction materials		
139,000 DMR (80,000 Household & 40,000 Commercial)	15 01 05	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Tetrapak	28.56	34.68	21%		100%	R3- Recycling/reclamation or organic substances which are not used as solvents(including composting asanother biological transformation processes)which includes gasification and pyrolysis		
139,000 DMR (80,000 Household & 40,000 Commercial)	15 01 05	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Tetrapak	3.56	Reported Above	N/A		100%	R3- Recycling/reclamation or organic substances which are not used as solvents(including composting asanother biological transformation processes)which includes gasification and pyrolysis		
80,000 C&D Waste	15 01 03	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Timber Packaging	169.49		N/A		100%	R3- Recycling/reclamation or organic substances which are not used as solvents(including composting asanother biological transformation processes)which includes gasification and pyrolysis		

WASTE SUMMARY

Lic No:

W0208-01

Year

2013

N/A	20 01 36	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	TVS/ CRT	11.62	Reported Above	N/A			R4- Recycling/reclamation of metals and metal compounds		
N/A	20 01 36	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	WEEE Eletrical cabling	15.38	Reported Above	N/A			R4- Recycling/reclamation of metals and metal compounds		
N/A	20 01 36	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	WEEE Mixed	171.83	Reported Above	N/A			R4- Recycling/reclamation of metals and metal compounds		
80,000 C&D Waste	15 01 03	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Wood Packaging	1156.82	Reported Above	N/A		100%	R3- Recycling/reclamation or organic substances which are not used as solvents(including composting asanother biological transformation processes)which includes gasification and pyrolysis		
80,000 C&D Waste	20 01 38	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Wood	1516.48	1314.44	-13%			R3- Recycling/reclamation or organic substances which are not used as solvents(including composting asanother biological transformation processes)which includes gasification and pyrolysis		50
80,000 C&D Waste	19 12 12	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	C&D fines	3.8	Reported Above	N/A			R5- Recycling/reclamation or other inorganic materials which includes soil celaning resuling in recovery of the soil and recycling of inorganic construction materials		

WASTE SUMMARY

Lic No:

W0208-01

Year

2013

30,000 Hazardous Waste	17 06 01*	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Asbestos Waste	22.563	60.31	167%		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
30,000 Hazardous Waste	17 06 05*	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Asbestos Waste	583.822	1729.71	196%		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	105
30,000 Hazardous Waste	17 05 03*	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Soil & Stones containing dangerous substances (Hydrocarbons)	1.73	1161.36	67031%		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
30,000 Hazardous Waste	20 01 34*	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Alkaline Batteries	0.518		N/A		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
30,000 Hazardous Waste	15 01 10*	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Empty Aerosols	4.551	0.19	-96%		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
30,000 Hazardous Waste	19 12 11*	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	Empty packaging with residue	6.471	22.69	251%		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
30,000 Hazardous Waste	16 06 01*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	Lead acid batteries	518.703	1.34	-100%		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	1.5
30,000 Hazardous Waste	20 01 32*	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Obsolete medicines	1.277	0.19	-85%		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	

WASTE SUMMARY

Lic No:

W0208-01

Year

2013

30,000 Hazardous Waste	19 12 11*	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	Print UV washings	0.295			N/A		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
30,000 Hazardous Waste	19 12 11*	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	Print washings	3.816			N/A		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
30,000 Hazardous Waste	19 12 11*	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	Print washings developer	1.5			N/A		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
30,000 Hazardous Waste	07 05 13*	07- WASTES FROM ORGANIC CHEMICAL PROCESSES	Redundant medicines	0.142	1.2		745%		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
30,000 Hazardous Waste	20 01 27*	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Redundant paint waste	196.859	330.6		68%		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		100
30,000 Hazardous Waste	08 01 11*	08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	Redundant paint waste (liquid/ sludge)	5.638	13.51		140%		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
30,000 Hazardous Waste	20 01 27*	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Redundant paint waste (liquid/ sludge)	27.864			N/A		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
30,000 Hazardous Waste	15 01 10*	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Waste Aerosols	0.17			N/A		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		

WASTE SUMMARY

Lic No:

W0208-01

Year

2013

30,000 Hazardous Waste	16 05 04*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	Waste Aerosols	0.973	10.08	936%			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
30,000 Hazardous Waste	09 01 01*	09- WASTES FROM THE PHOTOGRAPHIC INDUSTRY	Waste developer fixer	0.633	1.92	203%			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
30,000 Hazardous Waste	08 01 11*	08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	Waste ink containing dangerous substances	3.004		N/A			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
30,000 Hazardous Waste	20 01 26*	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Waste oil	0.532	1.72	223%			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
30,000 Hazardous Waste	08 01 11*	08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	Waste paint water based	0.3		N/A			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
30,000 Hazardous Waste	08 03 12*	08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	Waste printing ink	0.24	2.07	763%			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
30,000 Hazardous Waste	08 01 11*	08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	Waste solvents containing isopropanol	0.14		N/A			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
30,000 Hazardous Waste	08 01 11*	08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	Waste solvents containing white spirits	0.44		N/A			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		

WASTE SUMMARY

Lic No:

W0208-01

Year

2013

30,000 Hazardous Waste	18 01 01*	18- WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)	Sharps (Except 18 01 03)	None	0.11	N/A			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
30,000 Hazardous Waste	16 05 08*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	Discarded Organic chemicals consisting of or containing dangerous substances	None	0.17	N/A			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
30,000 Hazardous Waste	15 02 02*	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Absorbants, filter materials, wiping cloths, protective clothing contaminated by dangerous substances	None	0.91	N/A			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
30,000 Hazardous Waste	13 02 08*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	Other engine, gear and lubricant oils	None	1.62	N/A			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
30,000 Hazardous Waste	07 05 01*	07- WASTES FROM ORGANIC CHEMICAL PROCESSES	Aqueous washing liquids and other liquids	None	0.5	N/A			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
30,000 Hazardous Waste	08 01 15*	08- WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	Aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances	None	2.13	N/A			R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		

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?

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 (Merrywell)
PRTR Identification Number	W0208
Licence Number	W0208-01

Waste or IPPC Classes of Activity

No.	class_name
4.4	Recycling or reclamation of other inorganic materials.
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	Physico-chemical treatment not referred to elsewhere in this Schedule (including evaporation, drying and calcination) which results in final compounds or mixtures which are disposed of by means of any activity referred to in paragraphs 1. to 10. of this Schedule.
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.
4.2	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.
Address 1	Merrywell Industrial Estate
Address 2	Ballymount Road Lower
Address 3	Clondalkin
Address 4	Dublin 22
	Dublin
Country	Ireland
Coordinates of Location	-6.35743 53.3149
River Basin District	IEEA
NACE Code	3832
Main Economic Activity	Recovery of sorted materials
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	01 426 3129
AER Returns Contact Mobile Phone Number	086 0488894
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	150
User Feedback/Comments	
Web Address	www.oxigen.ie

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 ?	No
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) ?	No
--	----

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

4.1 RELEASES TO AIR

[Link to previous years emissions data](#)

| PRTR #: W0208 | Facility Name : Oxigen Environmental Limited (Merrywell) | Filename : PRTR W0208_2013.xls | Return Year : 2013 |

25/04/2014 16:42

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

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
					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			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)

POLLUTANT		METHOD			QUANTITY					
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	Emission Point 2	Emission Point 3	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
210	Dust	M	ALT	Beisgerhoff Method	306.66	575.4	327.36	1209.42	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	Oxigen Environmental Limited (Merrywell)			
	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			N/A
Methane utilised in engine/s	0.0			0.0 (Total Flaring Capacity)
Net methane emission (as reported in Section A above)	0.0			0.0 (Total Utilising Capacity)

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 o

RELEASERS 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
76	Total organic carbon (TOC) (as total C or COD/3)	M	ALT	Apha-5220-D	1288.98	1288.98	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

RELEASERS 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)

RELEASERS 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
306	COD	M	ALT	Apha-5220-D	3866.95	3866.95	0.0	0.0
240	Suspended Solids	M	ALT	Apha- 2540-B	6491.11	6491.11	0.0	0.0
324	Mineral oils	M	ALT	GC- FID	0.1	0.1	0.0	0.0
238	Ammonia (as N)	M	ALT	Apha-4500-NH3-D	20.7	20.7	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				
No. Annex II	Name	M/C/E	Method Code	Method Used 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	Apha-5220-D		938.8	938.8	0.0	0.0
20	Copper and compounds (as Cu)	M	ALT	Apha-3120-B		0.17	0.17	0.0	0.0
24	Zinc and compounds (as Zn)	M	ALT	Apha-3120-B		0.13	0.13	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	Method Used Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year	
303	BOD	M	ALT	Apha-5120-B		900.54	900.54	0.0	0.0
306	COD	M	ALT	Apha-5220-D		2816.4	2816.4	0.0	0.0
240	Suspended Solids	M	ALT	Apha-2540-B		1167.74	1167.74	0.0	0.0
343	Sulphate	M	ALT	Apha-4110-B		305.63	305.63	0.0	0.0
314	Fats, Oils and Greases	M	ALT	Apha-5520-B		69.37	69.37	0.0	0.0
324	Mineral oils	M	ALT	GC-FID		0.02	0.02	0.0	0.0
308	Detergents (as MBAS)	M	ALT	Apha-5540-C		2.74	2.74	0.0	0.0

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

4.4 RELEASES TO LAND

[Link to previous years emissions data](#)

| PRTR#: W0208 | Facility Name : Oxigen Environmental Limited (Merrywell) | Filename : PRTR W0208_2013.xls | Return Year : 2013 |

25/04/2014 16:42

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 Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year
						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 Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year
						0.0	0.0

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

Country/Region	European Waste Code	Quantity (tonnes per year)	Description of Waste	Waste Treatment	Waste Material	Location of Treatment	Waste Transfer Details		Name and Contact Details of the Holder of the Licence/Authorisation	Name and Contact Details of the Holder of the Licence/Authorisation	Address of the Holder of the Licence/Authorisation
							Waste Transfer Licence	Waste Transfer Licence			
To Other Countries	15 01 01	No	1275.45 sewer and cardboard backlogs	R3	M	Washed	Abroad	North West Fibres n/a	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
To Other Countries	15 01 01	No	303.51 sewer and cardboard packaging	R3	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
To Other Countries	15 01 01	No	985.08 sewer and cardboard backlogs	R3	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
To Other Countries	15 01 01	No	281.8 plastic backlogs	R3	M	Washed	Abroad	Charm Polymers n/a	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
To Other Countries	15 01 01	No	92.16 plastic backlogs	R3	M	Washed	Abroad	The Shakra Group n/a	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	15 01 01	No	652.7 plastic backlogs	R3	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
To Other Countries	15 01 01	No	123.1 plastic packaging	R3	M	Washed	Abroad	WVCC Recycling	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
To Other Countries	15 01 04	No	236.3 metallic backlogs	R4	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	15 01 01	No	770.19 glass backlogs	R5	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	16 01 03	No	49.88 end-of-life tires	R5	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	17 01 01	No	774.32 17 01 01	R5	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	17 01 01	No	601.88 17 01 01	R5	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	17 01 01	No	1277.22 17 01 01	R5	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	17 02 03	No	11.22 mixed metal construction and demolition wastes other than those mentioned in 17 02 01 and 17 02 02	R3	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	17 02 04	No	25.94 17 02 02 and 17 02 03	R12	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	19 12 02	No	545.48 ferrous metal	R4	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	19 12 10	No	1112.02 combustible waste (waste derived fuel) other waste (including mixtures of materials) from mechanical treatment of waste other than those mentioned in 19 12 01	R1	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	19 12 12	No	6928.0 other waste (including mixtures of materials) from mechanical treatment of waste other than those mentioned in 19 12 01	R5	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	19 12 12	No	32349.12 12 11	D1	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	19 12 12	No	555.62 12 11	R1	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	19 12 12	No	2980.86 12 11	D1	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	19 12 12	No	1229.08 12 11	D1	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
To Other Countries	20 01 01	No	3702.34 sewer and cardboard	R3	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
To Other Countries	20 01 01	No	254.26 sewer and cardboard	R3	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
To Other Countries	20 01 01	Yes	214.21 combustion residues containing hazardous waste	R1	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	20 01 06	No	5948.2021 20 01 20 01 03 20 01 30	R4	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	20 01 40	No	907.01 metals	R4	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	20 02 01	No	3012.63 biodegradable waste	R5	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	20 02 01	No	1627.23 mixed municipal waste	R4	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	20 03 01	No	418.26 mixed municipal waste other waste (including mixtures of materials) from mechanical treatment of waste other than those mentioned in 19 12 01	R12	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	19 12 12	No	545.62 12 11	R4	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	17 02 04	No	2045.12 17 02 02 and 17 02 03	D12	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	15 01 01	No	12.56 glass backlogs	R5	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	20 02 02	No	24.24 soil and stones	R5	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	20 01 36	No	15.20 20 01 20 01 20 01 20 01 30	R4	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	20 01 01	No	24.96 sewer and cardboard	R3	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	17 01 01	No	121.17 17 01 01	R5	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	20 02 02	No	336.05 soil and stones	R5	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	16 05 05	No	2.76 glass in pressure containers other than those mentioned in 16 05 04	R4	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	20 02 01	No	2708.8 biodegradable waste other waste (including mixtures of materials) from mechanical treatment of waste other than those mentioned in 19 12 01	R5	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	19 12 12	No	119.94 12 11	R13	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	17 02 04	No	18.14 17 02 02 and 17 02 03	R1	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	20 03 01	No	2.46 bulk waste	R1	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	19 12 10	No	25.12 combustible waste (waste derived fuel) other waste (including mixtures of materials) from mechanical treatment of waste other than those mentioned in 19 12 01	R1	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	20 01 01	No	7.72 paper and cardboard	R3	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	20 01 38	No	43.62 plastics	R3	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	15 01 05	No	0.36 composite backlogs	R3	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	16 02 11	Yes	3.1 16 02 11	R4	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	17 01 01	No	55.47 17 01 01	R13	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	15 01 02	No	14.16 plaster packaging	R3	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	20 01 38	No	202.42 20 01 38	R3	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	15 01 03	No	172.16 wooden backlogs	R13	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	20 03 01	No	15.32 mixed municipal waste other waste (including mixtures of materials) from mechanical treatment of waste other than those mentioned in 19 12 01	D15	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	19 12 12	No	29.25 12 11	D15	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	17 02 04	No	47.98 17 02 02 and 17 02 03	R12	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	20 03 07	No	77.88 bulk waste	R4	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	19 12 10	No	225.54 combustible waste (waste derived fuel) other waste (including mixtures of materials) from mechanical treatment of waste other than those mentioned in 19 12 01	R1	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
To Other Countries	20 03 01	No	65.6 mixed municipal waste	D5	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	17 06 05	Yes	654.71 construction materials containing asbestos (10)	D14	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	17 02 04	No	76.22 17 02 02 and 17 02 03	R12	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	20 03 07	No	41.82 bulk waste	R4	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	19 01 04	No	91.02 metallic backlogs	R4	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
To Other Countries	20 01 01	No	1387.34 sewer and cardboard	R3	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	17 01 01	No	203.12 17 01 01	R5	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
To Other Countries	20 01 38	No	18.06 plastics	R3	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
To Other Countries	20 01 38	No	6.84 plastics	R3	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
To Other Countries	15 01 01	No	2363.44 sewer and cardboard backlogs	R3	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
To Other Countries	19 12 10	No	3343.24 combustible waste (waste derived fuel) other waste (including mixtures of materials) from mechanical treatment of waste other than those mentioned in 19 12 01	R1	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
To Other Countries	19 12 10	No	5380.28 combustible waste (waste derived fuel) other waste (including mixtures of materials) from mechanical treatment of waste other than those mentioned in 19 12 01	R1	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
To Other Countries	16 06 01	Yes	276.76 lead batteries	R4	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
To Other Countries	20 01 38	Yes	188.26 20 01 38 or 16 06 03 and 20 01 38	R4	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
To Other Countries	20 01 28	No	106.76 paint, ink, adhesives and resins other than those mentioned in 20 01 27	R2	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	20 01 26	Yes	2.44 20 01 26	D9	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	19 08 01	No	9.6 sewerings	D2	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
Within the Country	19 12 10	No	48.65 combustible waste (waste derived fuel) other waste (including mixtures of materials) from mechanical treatment of waste other than those mentioned in 19 12 01	R1	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
To Other Countries	20 01 38	No	55.04 plastics	R3	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470
To Other Countries	15 01 05	No	18.06 composite backlogs	R3	M	Washed	Abroad	Waste WPI021-02	Arma Erema WA 9201-470	United Kingdom	Arma Erema WA 9201-470