

**Facility Information Summary**

AER Reporting Year  
 Licence Register Number  
 Name of site  
 Site Location  
 NACE Code  
 Class/Classes of Activity  
 National Grid Reference (6E, 6 N)

2014

W0152-03

Oxigen Environmental (Robinhood)

Robinhood Industrial Estate, Robinhood Road, Dublin 22


(Licence Activities) 11, 12, 13,  
E309466 N231082

Oxigen Environmental Limited holds EPA Waste Licence Register Number W0152-03 to operate a Waste Transfer Station at the Robinhood Industrial Estate, Robinhood Road, Ballymount, Dublin 22. In accordance with the requirements of Condition 11.9 of the Waste Licence, an Annual Environmental Report (AER) for the facility must be submitted to the Environmental Protection Agency (EPA).

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.**

**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 (or nominated, suitably qualified and experienced deputy)	19/03/15



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 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 discharge or watercourses on or near your site? If yes please complete table W2 below summarising only any evidence of contamination noted during visual inspections

**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		
	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 EPA guidance and checklist for Quality of Aquatic Monitoring Data reported to the [National/ 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/ Substance(s)	Type of sample	Frequency of monitoring	Averaging period	ELV or trigger value in licence or any revision thereof**	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
	Wastewater/Sewer	Temperature	discrete	Monthly	Monthly	All values < ELV		11.88	degrees C	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA 2550.B		
	Wastewater/Sewer	pH	discrete	Monthly	Monthly	All values < ELV		6.54	pH units	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA 4500.HH		
	Wastewater/Sewer	BOD	discrete	Monthly	Monthly	All values < ELV		548.5	mg/L	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA 5210.B		
	Wastewater/Sewer	COD	discrete	Monthly	Monthly	All values < ELV		1090.22	mg/L	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA 5220.D		
	Wastewater/Sewer	Suspended Solids	discrete	Monthly	Monthly	All values < ELV		1103.44	mg/L	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA 2540.D		
	Wastewater/Sewer	Sulphate	discrete	Monthly	Monthly	All values < ELV		35.74	mg/L	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA 4110.B		
	Wastewater/Sewer	Fats, Oils and Greases	discrete	Monthly	Monthly	All values < ELV		1207.58	mg/L	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA 5520.B		
	Wastewater/Sewer	Mineral oils	discrete	Monthly	Monthly	All values < ELV		0.12	mg/L	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	GC MS		
	Wastewater/Sewer	Detergents (as MBAS)	discrete	Monthly	Monthly	All values < ELV		0.08	mg/L	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA 5540.C		
TSW2	Water	Temperature	discrete	Monthly	Monthly	All values < ELV		8.6	degrees C	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA 2550.B		
TSW2	Water	pH	discrete	Monthly	Monthly	All values < ELV		6.79	pH units	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA 4500.HH		
TSW2	Water	Conductivity	discrete	Monthly	Monthly	All values < ELV		687.3	µS/cm @20°C	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA 2510.B		
TSW2	Water	BOD	discrete	Monthly	Monthly	All values < ELV		127.3	mg/L	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA 5210.B		TSW2 blocked off, cleaned out and upgrade works on the receptor planned
TSW2	Water	COD	discrete	Monthly	Monthly	All values < ELV		391	mg/L	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA 5220.D		
TSW2	Water	Ammonia (as N)	discrete	Monthly	Monthly	All values < ELV		2.1	mg/L	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA 4500.NH3-D		TSW2 blocked off, cleaned out and upgrade works on the receptor planned
TSW2	Water	Mineral oils	discrete	Monthly	Monthly	All values < ELV		<0.1	mg/L	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	GC MS		
TSW2	Water	Sulphate	discrete	Monthly	Monthly	All values < ELV		53.72	mg/L	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA 4110.B		
TSW2	Water	Total nitrogen	discrete	Monthly	Monthly	All values < ELV		9	mg/L	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA 4500.N-C		
TSW2	Water	Chlorides (as Cl)	discrete	Monthly	Monthly	All values < ELV		64.25	mg/L	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA 4110.B		

Note 1: Volumetric flow shall be included as a reportable parameter  
 Note 2: Where Emission Limit Values (ELV) do not apply to your licence please compare results against EQS for Surface water or relevant receptor quality standards.

**Continuous monitoring**

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 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 exceedances in reporting year	Comments
	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 to the EPA?	When was this report submitted?
						SELECT	
						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 Please provide integrity testing frequency period
  - 2 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 How many bunds are on site?
  - 4 How many of these bunds have been tested within the required test schedule?
  - 5 How many mobile bunds are on site?
  - 6 Are the mobile bunds included in the bund test schedule?
  - 7 How many of these mobile bunds have been tested within the required test schedule?
  - 8 How many sumps on site are included in the integrity test schedule?
  - 9 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?

No	
3 years	
No	
0	
0	
1	
Yes	
1	
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 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? [bunding and storage guidelines](#)
- 15 Are channels/transfer systems to remote containment systems tested?
  - 16 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 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

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

**Groundwater/Soil monitoring template**

Lic No:

W0152-03

Year

2014

		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 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	GTVs*	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	GTVs*	SELECT**	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
							SELECT			SELECT
							SELECT			SELECT

\*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.

[Groundwater monitoring template](#)

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

[Guidance on the Management of Contaminated Land and Groundwater at EPA Licensed Sites \(EPA 2011\)](#)

\*\* 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)

[Groundwater regulations](#), [Drinking water \(private supply\) standards](#), [Drinking water \(public supply\) standards](#), [Interim Guideline Values \(IGV\)](#)

**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	Submitted and not agreed by EPA;	
2	ELRA review status	N/A	
3	Amount of Financial Provision cover required as determined by the latest ELRA	As per submitted ELRA document	
4	Financial Provision for ELRA status	Submitted and agreed by EPA	
5	Financial Provision for ELRA - amount of cover	To be confirmed	
6	Financial Provision for ELRA - type	TBC	
7	Financial provision for ELRA expiry date	TBC	
8	Closure plan initial agreement status	Closure plan submitted and not agreed by EPA	
9	Closure plan review status	N/A	
10	Financial Provision for Closure status	Submitted and not agreed by EPA;	
11	Financial Provision for Closure - amount of cover	TBC	
12	Financial Provision for Closure - type	TBC	
13	Financial provision for Closure expiry date	TBC	

**Environmental Management Programme/Continuous Improvement Programme template**

Lic No:

W0152-03

Year

2014

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
Waste reduction/Raw material usage efficiency	To complete a full refurb of baler	100	Baler Refurbished	Section Head	Installation of infrastructure
Reduction of emissions to Air	Insallation of mobile odour difuser	100	Installation of diffuser to mitigate against possible odour escaping while doors are opening/ closing	Section Head	Increased compliance with licence conditions
Reduction of emissions to Air	Installation of new carbon	100	New carbon installed to ensure odour abatement sytem running to its best efficiency	Section Head	Increased compliance with licence conditions
Reduction of emissions to Water	Installation of new aco drains in front of doors	70	New drains to capture run off from processing building	Section Head	Reduced emissions
Additional improvements	Training to be carried out with key members of staff to increase environmental awarness on site. All training to be approved by the EPA and in compliance with licence requirements.	50%	Candidates for training have been identified and training is scheduled for early 2015	Section Head	Improved Environmental Management Practices
Additional improvements	Environmental education of our customer base and increase awareness with regard to recovery.	100%	Environmentals internet programe	Section Head	Improved Environmental Management Practices
Reduction of emissions to Water	Works program established to remediate any issues with concrete hardstand	50%	Some parts of concrete have been repaired however some remains outstanding	Section Head	Reduced emissions
				SELECT	SELECT
				SELECT	SELECT

**Noise monitoring summary report** Lic No: W0152-03 Year 2014

- 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?  
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?

Yes

Yes

SELECT

Enter date

SELECT

**Table N1: Noise monitoring summary**

Date of monitoring	Time period	Noise location (on site)	Noise sensitive location -NSL (if applicable)	LA <sub>90</sub>	LA <sub>50</sub>	LA <sub>10</sub>	LA <sub>max</sub>	Tonal or Impulsive noise* (Y/N)	If tonal /impulsive noise was identified was 50B penalty applied?	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is site compliant with noise limits (day/evening/night)?
18/12/2014	15:59- 16:59	N1		68.8	60.6	71.9		No	SELECT	Road traffic noise is frequent to almost constant at 60-74dB. The facility is audible at 61dB. (with the fan system and trucks idling). Truck movements onsite are at 65dB. An air vent on site past the location at 84dB. Bin lorries coming into the yard are going by at 80dB.	Select
18/12/2014	14:57- 15:57	N2		65.9	63.5	71.9		No		The wrapping plant is not in operation. The forklift, fan system and trucks idling are at 62dB. There is a shift to the result from reflection on the adjacent wall. The N7 and wind noise are constant in the background. There is occasional yard noise at 68dB. There are occasional trucks reversing at up to 80dB. There was no tonality (outside of reversing beeps) observed or measured at the location.	
18/12/2014	13:55- 14:55	N3		78.6	78	79.1		No		A forklift is working occasionally near the location at 80dB. The fan system is constant at 78dB. There was no tonality measured.	
18/12/2014	15:31- 16:31	N4		73.2	65.3	77		No		Local road traffic almost constant at 69-76dB. Reversing trucks onsite are occasional and up to 80dB. When the road is quiet the facility is at 65dB with the fan system. The main noise source is the adjacent road. However, the facility is still in accordance. Trucks going off site are at 80dB going past the location.	
18/12/2014	14:11- 15:11	NSL1	Yes	61.2	55.4	62.5		No		The Oxigen facility is not audible. A digger in the Balfour Beatty yard is at 60-80dB near the location. Wind noise and N7 are at 55dB when Balfour Beatty yard is quiet. Oxigen facility is not audible when the yard is quiet. Wind noise is at 65dB occasionally.	
18/12/2014	23:23- 23:53	N1		63.8	57.5	65.3		No		The facility is operating at 62-64dB. A truck came onsite past your location at 81dB. Traffic on the local road is occasional at 74dB. Sometimes the facility is at 68-61dB.	
18/12/2014	23:25-23:55	N2		76.5	72.7	79.7		No		The wrapper is on at 78-81dB. The fans are continuous at 73dB. The wrapper and forklift are operating in unison at 78dB.	
18/12/2014	00:00-00:30	N3		78.9	78.1	79.2		No		The fan system is constant at 78dB. There is no tonality registered during the measurement.	
18/12/2014	23:58- 00:28	N4		68	63	74.8		No		The facility is constant at 61-62dB. On site truck movements are 61dB and occasional. The wrapper is occasional at 65dB. A truck on the weigh bridge beside the monitoring location is idling at 74dB and moved away at 80dB.	

\*Please ensure that a tonal analysis has been carried out as per guidance note NS4. These records must be maintained onsite for future inspection

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

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

Any additional comments? (less than 200 words)



- 1 When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below
- 2 Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI - Large 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

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)	684.48	1006.75		47
Total Energy Generated (MWHrs)				24
Total Renewable Energy Generated (MWHrs)				
Electricity Consumption (MWHrs)				
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)	56.74	52.66	7.75	-21.42
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 Emissions		Water Consumption	
					Volume Discharged back to environment(m <sup>3</sup> /yr):	Volume used i.e not discharged to environment e.g. released as steam m3/yr	Unaccounted for Water:	
Groundwater								
Surface water								
Public supply	1305	1263	-3.2	18	1263	0	0	
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)					
Non-Hazardous (Tonnes)					

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					

Have you received any environmental complaints in the current reporting year? If yes please complete summary details of complaints received on site in

YES

Additional information

Table 1 Complaints summary							
Date	Category	Other type (please specify)	Brief description of complaint (Free txt <20 words)	Corrective action< 20 words	Resolution status	Resolution date	Further information
01/01/2014	Odour		Bad odour emanating from the Robinhood facility	Odour abatement system was checked- no evidence to suggest any problems. Waste records were checked and no reason for odour found	Complete		
02/01/2014	Odour		Odour coming from the Oxigen Robinhood facility	Odour abatement system was checked- no evidence to suggest any problems. Waste records were checked and no reason for odour found	Complete		
15/01/2014	Odour		Rotten food like smell detected around the Robinhood area	Odour assessment carried out upon receipt of the complaint and no odour was detected. Waste records were examined- no evidence to suggest abnormal oads	Complete		
05/02/2014	Odour		Very bad waste odours detected at near by premises believed to be arising from the Robinhood facility.	Staff at facility were informed- doors were closed at the time of the complaint and only a medium sized pile of waste on site. Odour abatement system was checked - no evidence to suggest any problems. Odour neutraliser sprayed in the yard area and facility washed down.	Complete		
11/02/2014	Odour		Passed the site twice and doors remained open.	Acceptance of waste ceased, carbon was replaced, monitoring of system carried out.	Complete		
11/02/2014	Odour		Passed the site twice and doors remained open.	No response requested.	Complete		
16/02/2014	Odour		Doors remained open and a strong waste odours were detected.	Due to adverse weather conditions a vessel due to carry the produced RDF was delayed. Records for the ate in question were examined and evidence was found to suggest odour	Complete		
17/02/2014	Odour		Doors remained open and a strong waste odours were detected.	Acceptance of waste ceased, carbon was replaced, monitoring of system carried out.	Complete		
10/03/2014	Odour		Appears to be large amount of waste on site. Flies also an issue.	Acceptance of waste ceased, carbon was replaced, monitoring of system carried out.	Complete		
10/03/2014	Odour		Very bad waste odours detected at neighbouring premises believed to be arising from the Robinhood facility.	Acceptance of waste ceased, carbon was replaced, monitoring of system carried out.	Complete		
10/03/2014	Odour		Bad waste odours emanating from facility	Acceptance of waste ceased, carbon was replaced, monitoring of system carried out.	Complete		

11/03/2014	Odour		Strong odour detectable along with flies	Acceptance of waste ceased, carbon was replaced, monitoring of system carried out.	Complete		
11/03/2014	Odour		Bad bin like smell detected	Acceptance of waste ceased, carbon was replaced, monitoring of system carried out.	Complete		
29/04/2014	Odour		Strong odour detected	Small breakdown in RDF Production however should not have given rise to any odours. Odour neutraliser sprayed around the facility.	Complete		
30/04/2014	Odour		Foul odour detected coming from the Robinhood facility	Odour assessment carried out and a faint intermitant odour was detected. Filters in the abatement system were changed and odour abatement system needed to be powered off during this time.	Complete		
30/04/2014	Odour		Strong odours detected believed to be emanating from the facility	Odour assessment carried out and a faint intermitant odour was detected. Filters in the abatement system were changed and odour abatement system needed to be powered off during this time.	Complete		
19/05/2014	Odour		Vile odour coming from Oxigen premises	Only 80tonnes of material awaiting processing - material to be processed and moved to drogheda port	Complete		
30/06/2014	Odour		Door open with a disgusting rotten smell coming from the facility	Issue with the operation of the door - problem was rectified	Complete		
27/06/2014	Odour		Odour coming from the Oxigen Robinhood facility	Odour assessments for the day in question were checked alongwith waste intake records- nothing abnormal present	Complete		
30/06/2014	Odour		Bad odour emanating from the Robinhood Facility	Odour assessment carried out faint odour detected at the Red Cow hotel. Small issue with a roller door	Complete		
02/07/2014	Odour		Rotten black bin smell coming from Oxigen facility	Odour assessment carried out, complaint may be due to	Complete		
30/06/2014	Odour		Foul smell in the air	Faint odour detected at the Red Cow Lane.	Complete		
07/07/2014	Odour		Bad odour emanating from the Robinhood Facility	Faint odour detected at the Red Cow Lane.	Complete		
21/07/2014	Odour		Strong household waste odour	No unusual loads of waste accepted. No odours detected down wind of the facility.	Complete		

07/07/2014	Odour		Extremely bad odour	Complaint was upwind of the facility- odour could not be attributed to on site activities	Complete		
19/07/2014	Odour		Disgusting Odour	No odour assessment was carried out on the day in question however wind records for the day in question show that the complainant location was upwind of the facility.	Complete		
22/07/2014	Odour		Strong Odour	No unusual loads of waste accepted. No odours detected down wind of the facility.	Complete		
23/07/2014	Odour		Complainant could not go for a walk due to the smell	No unusual loads of waste accepted. No odours detected down wind of the facility.	Complete		
24/07/2014	Odour		Strong Odours detected	No unusual loads of waste accepted. No odours detected down wind of the facility.	Complete		
24/07/2014	Odour		Very Bad odour	Records were examined and submitted to the EPA. Door was opened for 10-15 minutes to allow for powerwashing to take place which may have allowed odours to escape.	Complete		
18/09/2014	Odour		Old waste sweet/ sickly type odour detected.	Odour assessment was carried out the following morning. Odours were detected at nearby business premises however these were deemed not to be emanating from the Oxigen Sites	Complete		
19/09/2014	Odour		Old waste sweet/ sickly type odour detected.	Odour assessment carried out- no odour was found down wind of the facility. Odour however was detected at TJ O Mahony's shop however these odours could not be attributed to any Oxigen Site	Complete		
02/10/2014	Odour		Offensive odours detected at local business premises	Env compliance officer spoke to the agency inspector while standing outside the complainants site and no odour was detected.	Complete		
reporting year		0					
Total new complaints received during reporting year		32					
Total complaints closed during reporting year		32					
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		Yes
*For information on how to report and what constitutes an incident <a href="#">What is an incident</a>		

Table 2 Incidents summary									
Date of occurrence	Incident nature	Location of occurrence	Incident category*please refer to guidance	Receptor	Cause of incident	Other cause(please specify)	Activity in progress at time of incident	Communication	Occurrence
08/05/2014	Breach of ELV	Licensed discharge point (TSW2)	1. Minor	Water	Operational controls		Normal activities	EPA/ Inland Fisheries/ SDCC	New
	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		1							
Total number of incidents previous year		0							
% reduction/ increase		100							









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Corrective action<20 words	Preventative action <20 words	Resolution status	Resolution date	Likelihood of reoccurrence
TSW2 Bunged, CCTV survey carried out, silt trap cleaned and impact assessment was carried out.	Upgrade works to commence on interceptor before reopening of TSW2	Complete		Low
		SELECT		SELECT
		SELECT		SELECT
		SELECT		SELECT
		SELECT		SELECT

<b>WASTE SUMMARY</b>		Lic No:	W052-03	Year:	2014
<b>SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES</b>		<a href="#">Click facility name.</a>		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 3 boundaries is to be captured through PRTR reporting)  
 If yes please enter details, in table 1 below

Additional Information

SELECT

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

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

SELECT

**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)**

Volume of waste accepted onto your site (tonnes/annum)	EWC code	Description of waste accepted	Quantity of waste accepted in current reporting year (tonnes)	Quantity of waste accepted in previous reporting year (tonnes)	Percentage increase over previous year of %	Reason for reduction/ increase from previous reporting year	Reason for increase only applies if the waste has a packaging component	Recovery/ 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
260,000	20 03 07	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	0.078	147.38	100%			D23: Blending or mixing prior to submission to any of the operations numbered D2 to D22		
260,000	20 03 03	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	0.26	0	100%			D23: Blending or mixing prior to submission to any of the operations numbered D2 to D22		
260,000	20 03 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	61.201	57,048.98	7%			D23: Blending or mixing prior to submission to any of the operations numbered D2 to D22	70	
260,000	20 03 03	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	3,212	0	100%			D23: Blending or mixing prior to submission to any of the operations numbered D2 to D22		

**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

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

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 hedge register on site?

SELECT

**SECTION D- TO BE COMPLETED BY LANDFILL SITES ONLY**

**Table 2 Waste type and tonnage-landfill only**

Waste types permitted for disposal	Authorised/Unauthorised waste for disposal (t/yr)	Actual tonnage for disposal in reporting year (t/yr)	Remaining licensed capacity at end of reporting year (t/yr)	Comments

**Table 3 General Information-Landfill only**

Area ID	Date landfill commenced	Date landfill ceased	Currently landfilling	Private or Public Operated	Inert or non-hazardous	Predicted date to cease landfilling	License permits selective	Is there a separate cell for selective?	Accepted selective in reporting year	Total disposed area occupied by waste	Land disposed area occupied by waste	Unland area	Comments on this type
Cell 8										SELECT UNIT	SELECT UNIT	SELECT UNIT	

**Table 4 Environmental monitoring-landfill only** [see PRTR Manual Monitoring Standards](#)

Was meteorological monitoring in compliance with Landfill Directive (LD) standard in reporting year?	Was leachate monitored to compliance with LD standard in reporting year?	Was SW monitored to compliance with LD standard in reporting year?	Have CV 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 6.5.4.1 of WML 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 capped?	Area with temporary cap	Area with final cap to LD Standard (t/ha)	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 both cover area

**Table 6 Leachate-Landfill only**

Volume of leachate in reporting year (m <sup>3</sup> )	Leachate (COD) mass load (kg/annum)	Leachate (NH4) mass load (kg/annum)	Leachate (NH3) mass load (kg/annum)	Leachate (Chloride) mass load (kg/annum)	Leachate treatment on-site	Specific 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 Capture/Is Treated by LFG System m <sup>3</sup>	Power generated (MW / kWh)	Used on-site or to national grid	Was surface emissions monitoring performed during the reporting year?	Comments
			SELECT	



Environmental Protection Agency

#N/A

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[Guidance to completing the PRTR workbook](#)

# AER Returns Workbook

Version 1.1.18

<b>REFERENCE YEAR</b>	2014
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## 1. FACILITY IDENTIFICATION

Parent Company Name	Oxigen Environmental
Facility Name	Oxigen Environmental (Robinhood)
PRTR Identification Number	W0152
Licence Number	W0152-03

### Classes of Activity

No.	class_name
-	Refer to PRTR class activities below

Address 1	Robinhood Industrial Estate
Address 2	Robinhood Road
Address 3	Ballymount
Address 4	Dublin 22
	Dublin
Country	Ireland
Coordinates of Location	-6.35817 53.3189
River Basin District	IIEEA
NACE Code	3821
Main Economic Activity	Treatment and disposal of non-hazardous waste
<b>AER Returns Contact Name</b>	Maria Byrne/ Seamus McGourty
<b>AER Returns Contact Email Address</b>	mbyrne@oxigen.ie
<b>AER Returns Contact Position</b>	Environmental Compliance Officer/ Environmental Administrator
<b>AER Returns Contact Telephone Number</b>	01 4263118
<b>AER Returns Contact Mobile Phone Number</b>	
<b>AER Returns Contact Fax Number</b>	
<b>Production Volume</b>	0.0
<b>Production Volume Units</b>	
<b>Number of Installations</b>	0
<b>Number of Operating Hours in Year</b>	0
<b>Number of Employees</b>	10
<b>User Feedback/Comments</b>	
<b>Web Address</b>	

## 2. PRTR CLASS ACTIVITIES

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

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

4.1 RELEASES TO AIR

[Link to previous years emissions data](#)

#N/A

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**SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS**

POLLUTANT		METHOD			QUANTITY			
No. Annex I	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

\* 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 I	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

\* 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	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
						0.0	0.0	0.0

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

**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:

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

Oxygen Environmental (Robinhood)

4.2 RELEASES TO WATERS

[Link to previous years emissions data](#)

#N/A

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**SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS**

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

POLLUTANT		Method Used			QUANTITY			
No. Annex I	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 Used			QUANTITY			
No. Annex I	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 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
303	BOD	M	ALT	APHA-5210-B	114.79	114.79	0.0	0.0
306	COD	M	ALT	APHA-5220-D	353.08	353.08	0.0	0.0
238	Ammonia (as N)	M	ALT	APHA-4500-NH3-D	1.95	1.95	0.0	0.0
324	Mineral oils	M	ALT	GC-FID	0.0	0.0	0.0	0.0
343	Sulphate	M	ALT	APHA-4110-B	48.11	48.11	0.0	0.0
240	Suspended Solids	M	ALT	APHA-2540-B	8.11	8.11	0.0	0.0

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

4.3 RELEASES TO WASTEWATER OR SEWER

[Link to previous years emissions data](#)

#N/A

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**SECTION A : PRTR POLLUTANTS**

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KG:			
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 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 KG:			
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	0.0	0.0	0.0	0.0
306	COD	M	ALT	APHA-5220-D	0.0	0.0	0.0	0.0
240	Suspended Solids	M	ALT	APHA-2540-B	0.0	0.0	0.0	0.0
343	Sulphate	M	ALT	APHA-4110-B	0.0	0.0	0.0	0.0
314	Fats, Oils and Greases	M	ALT	APHA-5520-B	0.0	0.0	0.0	0.0
324	Mineral oils	M	ALT	GC-FID	0.0	0.0	0.0	0.0
<b>308</b>	<b>Detergents (as MBAS)</b>	M	ALT	APHA-5540-C	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

4.4 RELEASES TO LAND

[Link to previous years emissions data](#)

#N/A

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**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	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	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

#N/A

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Please enter all quantities on this sheet in Tonnes

20

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility	Haz Waste : Address of Next Destination Facility	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		Non Haz Waste: Name and Licence/Permit No of Recoverer/Disposer	Non Haz Waste: Address of Recoverer/Disposer		
Within the Country	19 12 12	No	3289.7	11 (Organic Fines) other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R3	M	Weighed	Offsite in Ireland	Enrich Environmental Ltd,WMP2004/57	Larch Hill Stud,Kilcock,Co. Meath,.,Ireland		
Within the Country	19 12 12	No	1253.18	11 (MSW Processed) other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	D1	M	Weighed	Offsite in Ireland	Drehid Waste Management Facility,W0203-03	Carbury,....Co.Kildare,Ireland		
Within the Country	19 12 12	No	1511.22	11 (MSW Processed) other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	D1	M	Weighed	Offsite in Ireland	Ballynagran Landfill,W0165-01	Ballynagran ,Co. Wicklow,....Ireland		
Within the Country	19 12 12	No	108.86	11 (MSW Processed) other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	D1	M	Weighed	Offsite in Ireland	Knockharley Landfill,W0146-02	Navan,Co. Meath,....Ireland		
Within the Country	19 12 12	No	274.44	11 (MSW Processed) other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R1	M	Weighed	Offsite in Ireland	Indaver,W0167-02	Carranstown,Duleek,Co. Meath,.,Ireland		
Within the Country	19 12 12	No	979.18	11 (MSW Processed) other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R3	M	Weighed	Offsite in Ireland	Greyhound Waste,205-01	Industrial Estate,Clondalkin,Co. Dublin,Ireland		
Within the Country	19 12 12	No	626.3	11 (MSW Processed) other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R3	M	Weighed	Offsite in Ireland	South Dublin County Council (Ballymount Baling Station),W0003-03	Ballymount Road,Walkinstown,Dublin 12,.,Ireland		
Within the Country	20 03 01	No	78.46	mixed municipal waste	D5	M	Weighed	Offsite in Ireland	Ballynagran Landfill,W0165-01	Ballynagran ,Co. Wicklow,....Ireland		
Within the Country	20 03 01	No	449.18	mixed municipal waste	D13	M	Weighed	Offsite in Ireland	Greyhound Waste,205-01	Industrial Estate,Clondalkin,Co. Dublin,Ireland		
Within the Country	20 03 01	No	76.72	mixed municipal waste other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	D13	M	Weighed	Offsite in Ireland	South Dublin County Council (Ballymount Baling Station),W0003-03	Ballymount Road,Walkinstown,Dublin 12,.,Ireland		
Within the Country	19 12 12	No	43.72	11 (MSW Processed) other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R13	M	Weighed	Offsite in Ireland	Cavan Waste Disposal (Oxigen Cavan),W0207-01	Killygarry Industrial Estate,Killygarry,Cavan,.,Ireland		
Within the Country	19 12 12	No	28.54	11 (Organic Fines) other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R3	M	Weighed	Offsite in Ireland	OD Recycling,WFP-TS-10-0002-04	Ballyboe,Kilsheelan,Clonmel, Co. Tipparary,Ireland		
Within the Country	19 12 12	No	2488.06	11 (Organic Fines) other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	D1	M	Weighed	Offsite in Ireland	Drehid Waste Management Facility,W0203-03	Carbury,....Co.Kildare,Ireland		
Within the Country	19 12 12	No	69.82	11 (RDF) other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	D1	M	Weighed	Offsite in Ireland	Ballynagran Landfill,W0165-01	Ballynagran ,Co. Wicklow,....Ireland		
To Other Countries	19 12 12	No	31197.0	11 (RDF) other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	D10	M	Weighed	Abroad	Cellmark Inc.,	Heuvel 7,NL-5664,HK Geldrop,.,Netherlands		
To Other Countries	19 12 12	No	22395.42	11 (RDF) other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	D10	M	Weighed	Abroad	EFO. AB.,	Kungsgatan 50,SE-111 35,Stockholm,.,Sweden		
To Other Countries	19 12 12	No	3313.0	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	D10	M	Weighed	Abroad	SWB AG.,	Theodor-Heuss-Allee 20,28215 Bremen,....Sweden		

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

[Link to previous years waste data](#)

[Link to previous years waste summary data & percentage change](#)

[Link to Waste Guidance](#)