Facility Information Sun	ımary
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
	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
A description of the activities/processes at	Recoverable Fuel production commenced at the facility in Oct 2012. The site is also a transfer station for Hazardous
the site for the reporting year. This should	Waste (mainly asbestos).
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 Group/Facility manager Date

(or nominated, suitably qualified and experienced deputy)

	AIR-summary template	Lic No:	W0208-01	Year
	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 <u>do not need to complete the tables</u>	No		
	Periodic/Non-Continuous Monitoring			
2	Are there any results in breach of licence requirements? If yes please provide brief details in the comment section of TableA1 below	SELECT		
3	Basic air Was all monitoring carried out in accordance with EPA guidance <u>monitoring</u>			

<u>AGN2</u>

<u>checklist</u>

Table A1: Lice	ensed Mass Emissions	/Ambient data-p	periodic monito	ring (non-continuous)						
										Comments -
										reason for
										change in %
										mass load
										from
			ELV in licence or							previous
Emission		Frequency of	any revision			Unit of	Compliant with		Annual mass	year if
reference no:	Parameter/ Substance	Monitoring	therof	Licence Compliance criteria	Measured value	measurement	licence limit	Method of analysis	load (kg)	applicable
D1	Total Particulates	Bi-annual	350	100 % of values < ELV	97.05	mg/m2/day	yes	ALT	306.6	5
D2	Total Particulates	Bi-annual	350	100 % of values < ELV	182.1	mg/m2/day	yes	ALT	575.4	ŀ
D3	Total Particulates	Bi-annual	350	100 % of values < ELV	103.6	mg/m2/day	yes	ALT	327.36	5
	SELECT			SELECT		SELECT	SELECT	SELECT		

SELECT

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

note AG2 and using the basic air monitoring checklist?

2013

	AIR-summary template	Lic No:	W0208-01	Year
	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			

Bypass protocol

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

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

	2013		

AIR-summary	template				Lic No:	W0208-01		Year	2013
Solvent	t use and manageme	nt on site							
Do you have a tota	al Emission Limit Value of d	irect and fugitive emi	ssions on site? if ye	s please fill out tables A4 and A5					
						-	SELECT		
	ent Management Pla	an Summary	<u>Solvent</u> regulations	Please refer to linked solver complete table 5	-				
Total VOC Emi	ission limit value		regulations	complete table 5					
Reporting year	Total solvent input on	Total VOC	Total VOC		Compliance	-			
,	site (kg)	emissions to Air	emissions as %of						
				Total Emission Limit Value					
		(direct and fugitive)		(ELV) in licence or any revision therof					
					SELECT				
					SELECT				
Table A5:	Solvent Mass Balan	ce summary	I		022201	-			
	(I) Inputs (kg)			(O)	Outputs (kg)				
						1			
Solvent	(I) Inputs (kg)	Organic solvent emission in waste		Collected waste solvent (kg)	Fugitive Organic Solvent (kg)		Solvents destroyed onsite through	Total emission of Solvent to air (kg)	
						in other ways e.g.			
							Total		

AER Monitoring returns summary template-WATER/WASTEWATER(SEW|Lic No:

W0208-01 al information 2013

Year

		Additional
Does your site have licensed emissions direct to surface water or direct		
to sewer? If yes please complete table W2 and W3 below for the		
current reporting year and answer further questions. If you do not have		
licenced emissions you <u>only</u> need to complete table W1 and or W2 for		
storm water analysis and visual inspections	SELECT	
Was it a requirement of your licence to carry out visual inspections on		
any surface water discharges or watercourses on or near your site? If yes		
please complete table W2 below summarising <u>only any evidence of</u>		
contamination noted during visual inspections	SELECT	

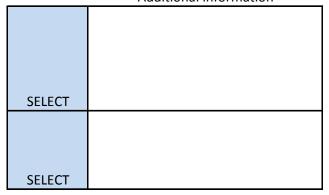


Table W1 Storm water monitoring

Location reference	Location relative to site activities	PRTR Parameter	Licenced Paramete r	Monitoring date	ELV or trigger level in licence or any	Licence Complianc e criteria	Measured value	Unit of measure ment	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 Iable W2 Visual inspections-Please only enter details where contamination was

|--|

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

Licensea 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 be

<u>External</u>
<u>/Internal</u>
<u>Lab</u>
<u>Quality</u>
<u>checklist</u>

pelow	SELECT	Additional information
<u>Assessment</u>		
<u>of results</u>		
<u>checklist</u>	SELECT	

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

Emission reference		Parameter/ SubstanceNote	Type of	Frequency of	Averaging	trigger values in licence or any	Licence Compliance	Measured	Unit of	Compliant			Procedural reference	Annual mass load	mments
no:	Emission released to	1	sample	monitoring	period	revision	criteria	value	measurement	with licence	Method of analysis	source	standard number	(kg)	CO
Foul	Wastewater/Sewer	рН	discrete	Monthly	Monthly	6-10	All values <	8.15	pH units	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-4500-H+		
Foul	Wastewater/Sewer	Temperature	discrete	Monthly	Monthly	42	All values <	15.43	degrees C	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	АРНА- 2550-В		
Foul	Wastewater/Sewer	BOD	discrete	Monthly	Monthly	1000	All values <	146.53	mg/L	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	АРНА-5210-В	900.54	
Foul	Wastewater/Sewer	COD	discrete	Monthly	Monthly	3000	All values <	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 <	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 <	49.73	mg/L	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	АРНА-4110-В	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)	АРНА-5520-В	69.37	
Foul	Wastewater/Sewer	Mineral oils	discrete	Monthly	Monthly	10	All values <	<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)	АРНА-3120-В	0.13	
Surface	Water	Temperature	discrete	Quarterly	Quarterly		All values <	14.95	mg/L	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	АРНА- 2550-В		
Surface	Water	рН	discrete	Quarterly	Quarterly		All values <	7.275	mg/L	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-4500-H+		
Surface	Water	Conductivity	discrete	Quarterly	Quarterly		All values <	664	mg/L	yes	INSTRUMENTAL METHODS	I.S. (Irish Standard)	АРНА-2510-В	11873.54	
Surface	Water	COD	discrete	Quarterly	Quarterly		All values <	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 <	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 <	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 <	<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

AER Monitoring returns summary template-WATER/WASTEWATER(SEW|Lic No: W0208-01

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

				I								
				ELV or				Annual	% change		Number of	
				trigger				Emission for	+/- from	Monitoring	ELV	
E	mission			values in			Units of	current	previous	Equipment	exceedences	
re	ference		Parameter/	licence or	Averaging	Compliance	measureme	reporting	reporting	downtime	in reporting	
nc):	Emission released to	Substance	any	Period	Criteria	nt	year (kg)	year	(hours)	year	
		SELECT	SELECT		SELECT	SELECT	SELECT					
		SELECT	SELECT		SELECT	SELECT	SELECT					
Γ		SELECT	SELECT		SELECT	SELECT	SELECT					
Γ		SELECT	SELECT		SELECT	SELECT	SELECT					
		SELECT	SELECT		SELECT	SELECT	SELECT					
Γ		SELECT	SELECT		SELECT	SELECT	SELECT					
		SELECT	SELECT		SELECT	SELECT	SELECT					
		SELECT	SELECT		SELECT	SELECT	SELECT					
-												

No

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

Table W5: Abatement system bypass reporting table

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

*Measures taken or proposed to reduce or limit bypass frequency

SELECT SELECT SELECT

Additional Information

Year

2013

Comments

Bund/Pipeline testing template	Lic No:	W0208-01	Yea
Bund testing dropdown menu click to see options		Additio	nal information
Are you required by your licence to undertake integrity testing on bunds and containment structures ? if yes please fill out ta	hle B1 helow	Additio	
listing all new bunds and containment structures on site, in addition to all bunds which failed the integrity test- all bunding s			
failed including mobile bunds must be listed in the table below, <u>please include all bunds outside the licenced testing period</u>			
and chemstore included)		Yes	
Please provide integrity testing frequency period		3 years	
Does the site maintain a register of bunds, underground pipelines (including stormwater and foul), Tanks, sumps and contain	ers? (containers	,	
B refers to "Chemstore" type units and mobile bunds)		Yes	
How many bunds are on site?		15	
, How many of these bunds have been tested within the required test schedule?		15	
How many mobile bunds are on site?		14	
Are the mobile bunds included in the bund test schedule?		Yes	
How many of these mobile bunds have been tested within the required test schedule?		14	
How many sumps on site are included in the integrity test schedule?		0	
How many of these sumps are integrity tested within the test schedule?		0	
Please list any sump integrity failures in table B1			
Do all sumps and chambers have high level liquid alarms?		N/A	
If yes to Q11 are these failsafe systems included in a maintenance and testing programme?		N/A	
Is the Fire Water Retention Pond included in your integrity test programme?		N/A	
Table B1: Summary details of bund /containment structure integrity test	-		

			5 i											
														Results
											Integrity			of
											test			retest(if
									Integrity		failure	Correcti	Schedul	in
									reports		explanati	ve	ed date	current
Bund/Containment									maintained		on <50	action	for	reportin
structure ID	Туре	Specify Other type	Product containment	Actual capacity	Capacity required	Type of integrity tes	Other test type	Test date	on site?	Results of	words	taken	retest	g year)
	SELECT					SELECT			SELECT	SELECT		SELECT		
	SELECT					SELECT			SELECT	SELECT		SELECT		

bunding and storage guidelines

* 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

15 line with BS8007/EPA Guidance?

16 Are channels/transfer systems to remote containment systems tested?

17 Are channels/transfer systems compliant in both integrity and available volume?

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

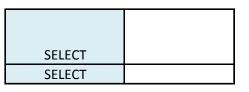
table 2 below listing all underground structures and pipelines on site which failed the integrity test and all which have not been tested withing

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)

Tabl	e B2: Summary details of	pipeline/underground structure						
								Integrit
								y test
				Type of				failure
				secondary				explana
				containment		Integrity reports		tion
			Does this structure have		Type integrity	maintained on		<50
Structure ID	Type system	Material of construction:	Secondary containment?		testing	site?	Results of test	words
	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	



SELECT

SELECT

SELECT

Commentary

າດ	13
ZU	1.5

		Results
		of
		retest(if
		in
Corrective	Schedule	current
action	d date	reporting
taken	for retest	year)
		SELECT

Bund/Pipeline tes	sting template		Lic No:	W0208-01	Year	2013	

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

Groundwater/Soil monitoring template

Lic No:

W0208-01

Year

2013

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

Table 1: Upgradient Groundwater monitoring results

Date of sampli ng	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration++	Average Concentration+	unit	GTV's*	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 sampli ng	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit	GTV's*	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

monitoring data in the nal space please include sults interpretaion as an ER

ta here

Groundwater/Soil monitoring template	Lic No:	W0208-01	Year	2013	3	
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)		e on the Management of Contam	inated Land and Groundwater	at EPA Licensed Si	<u>ites (EPA 2013).</u>	
**Depending on location of the site and proximity to other sensitive re-	contors alternative Dage			Groundwater	Drinking water	

	-
	<u>Guideli</u>
Drinking water (public	ne
supply) standards	<u>Values</u>

Groundwater/Soil monitoring template

W0208-01

2013

Year

Table 3: Soil results

of sampli ng	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit
							SELECT
							SELECT

Lic No:

Where additional detail is required please enter it here in 200 words or less

F	Environmental Liabilities template	Lic No:	W0208-01
	Click here to access EPA guidance on Environmental Liabilities and Financial		
	provision		
I	<u></u>		
			Commentary
1	ELRA initial agreement status		
T			
		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	
U		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	1 1
12	Financial Provision for Closure - type	Not Complete	1
13	Financial provision for Closure expiry date	Not Complete	

2013

Year

	Environmental Management Programme/Continuous Improvement Programme	template	Lic No:	W0208-01	Ye
	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	Yes			

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

Year	2013
_	

Environmental Management Program	mme/Continuous Impr	ovement Programme	template	Lic No:	W0208-01	Year	2013
	Environmental Education						
	of our customer base and		Launch of new education				
	increase awareness with		web site				
	regard to recovery - New		http://www.theenvironment		Increased compliance with		
Waste reduction/Raw material usage efficiency	Educational Website	100	als.ie/	Section Head	licence conditions		
	To install a weather station						
	at the Ballymount site to						
	work to aid in investigating						
	odours and verify any		Weather station installed				
	odour complaints that may		and in use for complaint		Increased compliance with		
Additional improvements	occur.	100	investigation and general info	Section Head	licence conditions		

	N	loise monitor	ing summary	report			Lic No:	W0208-01	Year	2013	
If yes please t 2 Was noise me	fill in table N1 no	ce requirement fo bise summary belo l out using the EPA	ow A Guidance note,	, including co	-	Noise Guidance	No]			
	e have a noise re	ment report" inclu eduction plan	ided in the guida	ince note as t	able of		<u>note NG4</u>	No	+		
•		n plan last update	ed?				Enter date	1			
$\frac{1}{5}$ Have there b	een changes rel	evant to site noise	e emissions (e.g. survey?	plant or oper	ational cha	he last noise	No				
Table N1: No	ise monitoring s	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)	was identified was 5dB penalty	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is <u>site c</u> ompliant with noise limits (day/evening/night)?
								SELECT	SELECT		SELECT
		-									
*Please ensure that	at a tonal analysis has l	Leen carried out as per g	guidance note NG4. The	ese records must b	e maintained or	Insite for future in	spection				

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)

Resource Usage/Energy efficiency summary	Lic No:	W0208-01		Year	2013
			Additional informatio	on	
			Eletrical boards	I	
			changed in Retec		
			processing		
			building swapping		
			the 630 kVa		
			transformer for a		
1 When did the site carry out the most recent energy efficiency audit? Please list the	recommendations in table 3 below	7th July 2009	1600kVa		
	<u>SEAI - Lai</u>	ge			
Is the site a member of any accredited programmes for reducing energy usage/water conser	vation such as the SEAI Industry Er	ergy_			
2 programme linked to the right? If yes please list them in additional inform	ation <u>Network (</u>	.IEN) SELECT			
Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence condi	tions? Please state percentage in additi	onal			
3 information		SELECT			

Table R1 Energy usage on si	te			
Energy Use	Previous year		compared to previous reporting	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 us	Table R2 Water usage on site			Water Emission Water Consumption								
						Volume used i.e						
			Production +/- %	Energy	Discharged	not discharged to						
			compared to	Consumption +/- %	back to	environment e.g.						
	Water extracted	Water extracted	previous reporting	vs overall site	environment(released as steam	Unaccounted					
Water use	Previous year m3/yr.	Current year m3/yr.	year**	production*	m ³ yr):	m3/yr	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 Summ					
	Total	Landfill	Incineration	Recycled	Other
Hazardous (Tonnes)					

Resource Usage/Energy efficiency summary	Lic No:	W0208-01			
Non-Hazardous (Tonnes)					

Year

Resource	e Usage/Energy efficiency summary				Lic No: W0208-01		Year		2013	
	Table R4: Energy Audit fin									
	Date of audit	Recommendations	Description of Measures proposed	Origin of measures	•••	Implementatio n date		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								

Lic No: W0208-01

Complaints and Incidents summary template

Complaints

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

Additional information

Table 1 Co	omplaints 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	
14/07/2013				Inspection and site investigation carried out. Extra moniting to ensure compliance		14/07/2013	
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		residents home	Inspection and site investigation carried out. Extra moniting to ensure compliance	Complete	18/07/2013	N/A
01/09/2013			residents home	Inspection and site investigation carried out. Extra moniting to ensure compliance		01/09/2013	
06/09/2013		Flies	Flies at local residents home	Fly fogging and spraying carried out	Complete	06/09/2013	
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		residents home	Inspection and site investigation carried out. Extra moniting to ensure compliance	Complete	01/10/2013	N/A
28/11/2013	Odour		residents home	Inspection and site investigation carried out. Extra moniting 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 moniting 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 Total complaints	10						
closed during reporting year	10						
Balance of complaints end of reporting year	0						

Yes

Incidents									
			Additional information						
Have any incidents occurred on site in the curre	nt reporting year? Please list all incidents	or							
current reporting year	ar in Table 2 below	No							
*For information on how to report and what constitutes an incident	<u>What is an</u> <u>incident</u>								

Table 2 Incidents summary

Year

2013

Complaints and	Complaints and Incidents summary template				Lic No:	W0208-01 Year 2013							
		Location of	Incident category*please refer		Cause of	Other cause(please		Communicati		Corre ctive action <20	e action <20	tion	R es ol ut io n Likeliho d od of at reoccur
		occurrence	to guidance	Receptor	incident		incident			words	words	status	e ence
			SELECT		SELECT		SELECT		SELECT			SELECT	SELECT
			SELECT SELECT		SELECT SELECT		SELECT SELECT		SELECT SELECT			SELECT SELECT	SELECT SELECT
					SELECT		SELECT		SELECT			SELECT	SELECT
			SELECT		SELECT		SELECT		SELECT			SELECT	SELECT
Total number of incidents current year Total number of incidents previous year % reduction/ increase	2												

WASTE SUMMARY	Lic No:	W0208-01	Year
SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES		PRTR facility logon	dropdown

	<u>-</u>	Additional Information
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)	Yes	
If yes please enter details in table 1 below		
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	Yes	SRF was taken back from Drogheda Port
Was waste accepted onto your site that was generated outside the Republic of Ireland? If yes please state the quantity in tonnes in additional information	No	

Licenced annual	EWC code	Source of waste accepted	Description of waste accepted	Quantity of waste	Quantity of waste accepted in	Reduction/	Reason for	Packaging Content (%)-	Disposal/Recove	Quantity of	Com
tonnage limit for your			Please enter an	accepted in current	previous reporting year (tonnes)	Increase over	reduction/ increase	only applies if the	ry or treatment	waste	men
site (total			accurate and detailed	reporting year (tonnes)		previous year +/ -	from previous	waste has a packaging	operation	remaining on	s -
tonnes/annum)			description - which applies to			%	reporting year	component	carried out at	site at the end	
			relevant EWC code						your site and	of reporting	
									the description	year (tonnes)	
									of this operation		
	European Waste Catalogue EWC codes		European Waste Catalogue								
			EWC codes								
									R4-		
		15- WASTE PACKAGING;							Recycling/recla		
		ABSORBENTS, WIPING							mation of		
139,000 DMR (80,000		CLOTHS, FILTER MATERIALS							metals and		
Household & 40,000		AND PROTECTIVE CLOTHING							metal		
Commercial)	15 01 04	NOT OTHERWISE SPECIFIED	Aluminium cans	14.89	57.04	283%		100%	compounds	20)
									R5-		
									Recycling/recla		
									mation or other		
									inorganic		
									materials which		
									includes soil		
									celaning		
									resuling in		
									recovery of the		
		15- WASTE PACKAGING;							soil and recycling of		
139,000 DMR (80,000		ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS							inorganic		
Household & 40,000		AND PROTECTIVE CLOTHING							construction		
Commercial)	15 01 07	NOT OTHERWISE SPECIFIED	Glass	806.55	735.74	-9%			materials	30	,
commercialy	150107	NOT OTHERWISE STEELINED	01033	000.55	755.74	-570		10070	R4-	50	,
									Recycling/recla		
		17- CONSTRUCTION AND							mation of		
		DEMOLITION WASTES							metals and		
		(INCLUDING EXCAVATED SOIL							metal		
80,000 C&D Waste	17 04 11	FROM CONTAMINATED SITES)	Cable	9.64	19.58	103%			compounds		

2013

your PRTR workbook)

WASTE SUMMARY					Lic No:	W0208-01	Year	2013	
139,000 DMR (80,000 Household & 40,000		15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING						R3- Recycling/recla mation or organic substances which are not used as solvents(includin g composting asnother biological transformation processes)which includes gasification and	
Commercial)	15 01 01	NOT OTHERWISE SPECIFIED	Cardboard packaing	4670.24	4270.51	-9%	100%	pyrolisis	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/recla mation or other inorganic materials which includes soil celaning resuling in recovery of the soil and recycling of inorganic construction materials	
0,000 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/recla mation 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/recla mation 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
		17- CONSTRUCTION AND					
		DEMOLITION WASTES					
80,000 C&D Waste	17 09 04	(INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	C&D waste	34227.49	41466.33	21%	
J,000 C&D Waste	17 09 04	FROM CONTAININATED SITES		54227.49	41400.55	21/0	
		20- MUNICIPAL WASTES					
		(HOUSEHOLD WASTE AND SIMILAR COMMERCIAL,					
		INDUSTRIAL AND					
		INSTITUTIONAL WASTES) INCLUDING SEPARATELY					
80,000 C&D Waste	20 03 07	COLLECTED FRACTIONS	C&I Bulky waste	24152.67	17003.66	-30%	
		20 14/10/04/10/07/07/07					
		20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND					
		SIMILAR COMMERCIAL,					
120 000 040 000		INDUSTRIAL AND INSTITUTIONAL WASTES)					
139,000 DMR (80,000 Household & 40,000		INSTITUTIONAL WASTES)					
Commercial)	20 01 01	COLLECTED FRACTIONS	Confidential Shredded paper	7.62	7.8	2%	

2013		
R5-		
Recycling/recla		
mation or other		
inorganic		
materials which		
includes soil		
celaning		
resuling in		
recovery of the soil and		
recycling of		
inorganic		
construction		
materials	1820	
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		
R3-		
Recycling/recla		
mation or		
organic		
substances		
which are not		
used as		
solvents(includin		
g composting		
asnother biological		
biological transformation		
processes)which		
includes		
gasification and		
pyrolisis		
1.7		

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/recla mation or other inorganic materials which includes soil celaning resuling in recovery of the soil and recycling of inorganic construction materials	
39,000 DMR (80,000 lousehold & 40,000		20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY						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,	
0,000 C&D Waste	20 03 01 19 12 12	COLLECTED FRACTIONS 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	Dry mixed recycling Dust from mechanical treatment	65.92	20791.8	-3%	51%	blending or R5- Recycling/recla mation or other inorganic materials which includes soil celaning resuling in recovery of the soil and recycling of inorganic construction materials	140
0,000 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/recla mation 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	Yea	r 2013	
								R5-	
								Recycling/recla	
								mation or other	
								inorganic	
								materials which	
								includes soil	
								celaning	
		20- MUNICIPAL WASTES						resuling in	
		(HOUSEHOLD WASTE AND						recovery of the	
		SIMILAR COMMERCIAL,						soil and	
								recycling of	
		INSTITUTIONAL WASTES)						inorganic	
	20.01.02	INCLUDING SEPARATELY	51	6.50	27.5	2220/		construction	
0,000 C&D Waste	20 01 02	COLLECTED FRACTIONS	Flat glass	6.52	27.5	322%		materials	
		20- MUNICIPAL WASTES							
		(HOUSEHOLD WASTE AND						R4-	
		SIMILAR COMMERCIAL,						Recycling/recla	
		INDUSTRIAL AND						mation of	
		INSTITUTIONAL WASTES)						metals and	
		INCLUDING SEPARATELY						metal	
0,000 C&D Waste	20 01 21*	COLLECTED FRACTIONS	Florescent tubes	0.16	0.05	-69%		compounds	
		20- MUNICIPAL WASTES							
		(HOUSEHOLD WASTE AND						R4-	
		SIMILAR COMMERCIAL,						Recycling/recla	
		INDUSTRIAL AND						mation of	
		INSTITUTIONAL WASTES)						metals and	
		INCLUDING SEPARATELY						metal .	
0,000 C&D Waste	20 01 40	COLLECTED FRACTIONS	Frag feed	134.83	730.64	442%		compounds	25
1.000 C&D Waste	20.02.01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED ERACTIONS	Garden and park (inc.	178 24	Includade in Green Biodeoradoble	N/A		Recycling/recla mation or organic substances which are not used as solvents(includin g composting asnother biological transformation processes)which includes gasification and pyroclisie	
0,000 C&D Waste	20 02 01	COLLECTED FRACTIONS	cemetary) waste	178.24	Includede in Green Biodegradable	N/A		pyrolisis	
								R3-	
								Recycling/recla	
								mation or	
								organic	
								substances	
								which are not	
								used as	
								solvents(includin	
								g composting	
		20- MUNICIPAL WASTES						asnother	
		(HOUSEHOLD WASTE AND						biological	
		SIMILAR COMMERCIAL,						transformation	
		INDUSTRIAL AND						processes)which	
		INSTITUTIONAL WASTES)						includes	
		INCLUDING SEPARATELY						gasification and	
80,000 C&D Waste	20 02 01	COLLECTED FRACTIONS	Green biodegradable waste	4351.45	4996.23	15%		pyrolisis	180

WASTE SUMMARY					Lic No:	W0208-01	Year
		20- MUNICIPAL WASTES					
		(HOUSEHOLD WASTE AND					
		SIMILAR COMMERCIAL,					
		INDUSTRIAL AND					
		INSTITUTIONAL WASTES)					
80,000 C&D Waste	20 02 01	INCLUDING SEPARATELY COLLECTED FRACTIONS	Green biodegradable waste	521.98	Departed Above	NI / A	
80,000 CAD WUSLE	20 02 01	20- MUNICIPAL WASTES	Green biodegradable waste	521.98	Reported Above	N/A	
		(HOUSEHOLD WASTE AND					
		SIMILAR COMMERCIAL,					
		INDUSTRIAL AND					
		INSTITUTIONAL WASTES)					
Industrial Sludges		INCLUDING SEPARATELY					
(1,000)	20 03 03	COLLECTED FRACTIONS	Gully Sucker	290.86	4519.34	1454%	
		20- MUNICIPAL WASTES					
		(HOUSEHOLD WASTE AND					
		SIMILAR COMMERCIAL,					
		INDUSTRIAL AND					
		INSTITUTIONAL WASTES)					
Industrial Sludges		INCLUDING SEPARATELY					
(1,000)	20 03 03	COLLECTED FRACTIONS	Gully waste	626.21	Reported Above	N/A	
		17- CONSTRUCTION AND					
		DEMOLITION WASTES					
		(INCLUDING EXCAVATED SOIL					
80,000 C&D Waste	17 08 02	FROM CONTAMINATED SITES)	Gypsum	180.16	192.02	7%	
		20- MUNICIPAL WASTES					
		(HOUSEHOLD WASTE AND					
		SIMILAR COMMERCIAL,					
		INDUSTRIAL AND					
		INSTITUTIONAL WASTES) INCLUDING SEPARATELY					
N/A	20 01 33	COLLECTED FRACTIONS	Lead batteries	176.6		N/A	
	20 01 33	20- MUNICIPAL WASTES		170.0		P.1 (V.1	
		(HOUSEHOLD WASTE AND					
		SIMILAR COMMERCIAL,					
		INDUSTRIAL AND					
		INSTITUTIONAL WASTES)					
		INCLUDING SEPARATELY					

2013		
R3- Recycling/recla mation or organic substances which are not used as solvents(includin g composting asnother biological transformation processes)which includes		
gasification and pyrolisis D6-Release into a water body except seas or oceans		
 D6-Release into a water body except seas or oceans R5-		
Recycling/recla mation or other inorganic materials which includes soil celaning resuling in recovery of the soil and recycling of inorganic construction materials		
R4- Recycling/recla mation of metals and metal compounds		
R4- Recycling/recla mation of metals and metal compounds	20	

WASTE SUMMARY					Lic No:	W0208-01	Year	2013	
								R3- Recycling/recla mation or organic substances	
		20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND						which are not used as solvents(includin g composting asnother biological transformation processes)which	
139,000 DMR (80,000 Household & 40,000		INSTITUTIONAL WASTES) INCLUDING SEPARATELY						includes gasification and	
Commercial)	20 01 01	COLLECTED FRACTIONS	Mixed Paper	775.16	Reported Above	#VALUE!		pyrolisis	40
		20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY						R4- Recycling/recla mation of metals and metal	
/ <u>A</u>	20 01 36	COLLECTED FRACTIONS	Mixed WEEE	88.28	62.66	-29%		compounds R5- Recycling/recla mation or other inorganic	
0,000 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		materials which includes soil celaning resuling in recovery of the soil and recycling of inorganic construction materials	
								R3- Recycling/recla mation or organic substances which are not used as solvents(includin	
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%	g composting asnother biological transformation processes)which includes gasification and pyrolisis	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/recla mation or organic substances which are not used as solvents(includin g composting asnother biological transformation processes)which includes gasification and pyrolisis	
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/recla mation or organic substances which are not used as solvents(includin g composting asnother biological transformation processes)which includes gasification and pyrolisis	
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/recla mation or organic substances which are not used as solvents(includin g composting asnother biological transformation processes)which includes gasification and pyrolisis	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/recla mation or organic substances which are not used as solvents(includin g composting asnother biological transformation processes)which includes gasification and pyrolisis	

WASTE SUMMARY					Lic No:	W0208-01	Year	2013	
		19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER						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,	
SRF (2,500) 80,000 C&D Waste	<u>19 12 10</u> 20 02 02	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	S.R.F (Solid Recovered Fuel)	2246.24	293.96	-87%		R5- Recycling/recla mation or other inorganic materials which includes soil celaning resuling in recovery of the soil and recycling of inorganic construction materials	1485
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/recla mation 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/recla mation 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/recla mation 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/recla mation or other inorganic materials which includes soil celaning resuling in recovery of the soil and recycling of inorganic construction materials	
139,000 C&D Waste 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/recla mation or organic substances which are not used as solvents(includin g composting asnother biological transformation processes)which includes gasification and pyrolisis	
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/recla mation or organic substances which are not used as solvents(includin g composting asnother biological transformation processes)which includes gasification and pyrolisis	
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/recla mation or organic substances which are not used as solvents(includin g composting asnother biological transformation processes)which includes gasification and pyrolisis	

WASTE SUMMARY	1				Lic No:	W0208-01	Year	2013	
		20- MUNICIPAL WASTES							
		(HOUSEHOLD WASTE AND						R4-	
		SIMILAR COMMERCIAL,						Recycling/recla	
		INDUSTRIAL AND						mation of	
		INSTITUTIONAL WASTES)						metals and	
		INCLUDING SEPARATELY						metal	
N/A	20 01 36	COLLECTED FRACTIONS	TVS/ CRT	11.62	Reported Above	N/A		compounds	
		20- MUNICIPAL WASTES							
		(HOUSEHOLD WASTE AND						R4-	
		SIMILAR COMMERCIAL,						Recycling/recla	
		INDUSTRIAL AND						mation of	
		INSTITUTIONAL WASTES)						metals and	
		INCLUDING SEPARATELY						metal	
N/A	20 01 36	COLLECTED FRACTIONS	WEEE Eletrical cabling	15.38	Reported Above	N/A		compounds	
		20- MUNICIPAL WASTES						R4-	
		(HOUSEHOLD WASTE AND SIMILAR COMMERCIAL,						R4- Recycling/recla	
		INDUSTRIAL AND						mation of	
		INDUSTRIAL AND INSTITUTIONAL WASTES)						metals and	
		INCLUDING SEPARATELY						metal	
N/A	20 01 36	COLLECTED FRACTIONS	WEEE Mixed	171.83	Reported Above	N/A		compounds	
	20 01 30	COLLECTED TRACTIONS		171.05				compounds	
								R3-	
								Recycling/recla	
								mation or	
								organic	
								substances	
								which are not	
								used as	
								solvents(includin	
								g composting	
								asnother	
								biological	
		15- WASTE PACKAGING;						transformation	
		ABSORBENTS, WIPING						processes)which	
		CLOTHS, FILTER MATERIALS						includes	
		AND PROTECTIVE CLOTHING						gasification and	
80,000 C&D Waste	15 01 03	NOT OTHERWISE SPECIFIED	Wood Packaging	1156.82	Reported Above	N/A	1	00% pyrolisis	
								R3-	
								Recycling/recla	
								mation or organic	
								substances	
								which are not	
								used as	
								solvents(includin	
								g composting	
		20- MUNICIPAL WASTES						asnother	
		(HOUSEHOLD WASTE AND						biological	
		SIMILAR COMMERCIAL,						transformation	
		INDUSTRIAL AND						processes)which	
		INSTITUTIONAL WASTES)						includes	
		INCLUDING SEPARATELY						gasification and	
80,000 C&D Waste	20 01 38	COLLECTED FRACTIONS	Wood	1516.48	1314.44	-13%		pyrolisis	50
								R5-	
								Recycling/recla	
								mation or other	
								inorganic	
								materials which	
								includes soil	
	i i i i i i i i i i i i i i i i i i i	19- WASTES FROM WASTE						celaning	
								resuling in	
		MANAGEMENT FACILITIES,							
		OFF-SITE WASTE WATER						recovery of the	
		OFF-SITE WASTE WATER TREATMENT PLANTS AND THE						soil and	
		OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER						soil and recycling of	
		OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN						soil and recycling of inorganic	
80,000 C&D Waste	19 12 12	OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER	C&D fines	3.8	Reported Above	N/A		soil and recycling of	

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		09- WASTES FROM THE						R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary	
Waste 30,000 Hazardous Waste	09 01 01* 08 01 11*	PHOTOGRAPHIC INDUSTRY 08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	Waste developer fixer Waste ink containing dangerous substances	0.633 3.004	1.92	203%		storage) 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
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	
30,000 Hazardous	4C 0E 00*	16- WASTES NOT OTHERWISE	Discarded Organic chemicals consisting of or containing	Mara	0.17		
Waste	16 05 08*	SPECIFIED IN THE LIST	dangerous substances	None	0.17	N/A	
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	
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	
30,000 Hazardous Waste	07 05 01*	07- WASTES FROM ORGANIC CHEMICAL PROCESSES	Aqueuous washing liquids and other liquids	None	0.5	N/A	
30,000 Hazardous Waste	08 01 15*	08- WASTES FORM 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	

2013	
R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary	
 storage) R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary	
storage) R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	

WASTE SUMMARY					Lic No:	W0208-01	Ye	ear	2013
SECTION C-TO BE C	OMPLETED BY ALL WASTE FACIL	ITIES (waste transfer stati	ons, Composters, Materia	al recovery facilities	etc) EXCEPT LANDFILL SIT	ES			
Is all waste processing in	frastructure as required by your licence ar	nd approved by the Agency in pla	ce? If no please list waste process	sing infrastructure require	ed onsite	Yes			
s all waste storage infras	structure as required by your licence and a	approved by the Agency in place?	If no please list waste storage in	frastructure required on s	site	Yes			
Does your facility have re	elevant nuisance controls in place?					Yes			
Do you have an odour m	anagement system in place for your facilit	y? If no why?				Yes			
Do you maintain a sludge	e register on site?					No			
SECTION D-TO BE C	OMPLETED BY LANDFILL SITES O	NLY							
Table 2 Waste type	and tonnage-landfill only		-		-				
Waste types permitted for disposal	Authorised/licenced annual intake for disposal (tpa)	Actual intake for disposal in reporting year (tpa)	Remaining licensed capacity at end of reporting year (m3)	Comments					
			-						
					-				
Table 3 General inf	ormation-Landfill only								

Private or Public

Operated

Currently landfilling

Area ID

Cell 8

Date landfilling commenced

Date landfilling ceased

Predicted date to

cease landfilling

Inert or non-hazardous

Licence permits

asbestos

Is there a separate cell for asbestos?	Accepted asbestos in reporting year	waste	Lined dispo sal area occup	Unline d area	Comment s on liner type
		SELECT UNIT	SELE CT UNIT	Т	

WASTE SUMMARY	,				Lic No:	W0208-01		Year		
Table 4 Environme	ental monitoring-landfill only	Landfill Manual-Monitoring Star	fill Manual-Monitoring Standards							
Was meterological monitoring in compliance with Landfill Directive (LD) standard in reporting	Was leachate monitored in compliance	Was Landfill Gas monitored in compliance with LD standard in	Was SW monitored in compliance with LD standard in	Have GW trigger levels	Were emission limit values agreed with	Was topography of the site	Has the statement under S53(A)(5) of WMA been submitted in			
year +	with LD standard in reporting year	reporting year	reporting year	been established	the Agency (ELVs)	reporting year	reporting year	Comments		

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

Table 5 Capping-Landfill only

11 0	-					
				Area with waste that		
Area uncapped*	Area with temporary cap			should be permanently		
SELECT UNIT	SELECT UNIT	Area with final cap to LD		capped to date under		
SELECT UNIT	SELECTONII	Standard m2 ha, a	Area capped other	licence	What materials are used in the cap	Comments

*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 reporting year(m	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	

2013



SELECT

SELECT



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

25/04/2014 16:42

Guidance to completing the PRTR workbook

AER Returns Workbook

REFERENCE YEAR 2013

1. FACILITY IDENTIFICATION

Parent Company Name C	Dxigen Environmental Limited
Facility Name C	Dxigen Environmental Limited (Merrywell)
PRTR Identification Number V	N0208
Licence Number V	N0208-01

Waste or IPPC Classes of Activity	
	class name
	Recycling or reclamation of other inorganic materials.
	Blending or mixture prior to submission to any activity referred to in
3.11	a preceding paragraph of this Schedule.
	Repackaging prior to submission to any activity referred to in a
3.12	preceding paragraph of this Schedule.
	Storage prior to submission to any activity referred to in a preceding
	paragraph of this Schedule, other than temporary storage, pending
3.13	collection, on the premises where the waste concerned is produced.
	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
3.7	Schedule.
	Use of waste obtained from any activity referred to in a preceding
4.11	paragraph of this Schedule.
	Exchange of waste for submission to any activity referred to in a
4.12	preceding paragraph of this Schedule.
	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
4.13	produced.
	Recycling or reclamation of organic substances which are not used
	as solvents (including composting and other biological
4.2	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	
Coordinates of Location	
River Basin District	
NACE Code	
	Recovery of sorted materials
AER Returns Contact Name	
AER Returns Contact Email Address	
AER Returns Contact Position AER Returns Contact Telephone Number	Environmental Compliance Officer
ALIX Returns contact relephone Number	01 420 5123
AER Returns Contact Mobile Phone Number	086 0488894
AER Returns Contact Fax Number	
Production Volume	
Production Volume Units	
Number of Installations	
Number of Operating Hours in Year	
Number of Employees	
User Feedback/Comments	
	www.oxigen.ie

2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
50.1	General
	Installations for the disposal of non-hazardous waste
50.1	General

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

site treatment (either recovery or disposal activities) ?	No
Do you import/accept waste onto your site for on-	
4. WASTE IMPORTED/ACCEPTED ONTO SITE	Guidance on waste imported/accepted onto site
used ?	
Is the reduction scheme compliance route being	
Schedule 2 of the regulations) ?	
If applicable which activity class applies (as per	
Have you been granted an exemption ?	No
Is it applicable?	No

activities) ? No This question is only applicable if you are an IPPC or Quarry site

ECTION A : SECTOR SPECIFIC PRTR	POLILITANTS										
CHORA: SECTOR SPECIFIC PRIM		ASES TO AIR				Please enter all quantities	in this section in KGs				
	POLLUTANT			MET	HOD			QUANTITY			
					fethod Used					1	
No. Annex II	Name		M/C/E	Method Code	Designation or Description		T (Total) KG/Year	A (Accidental) 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									
CTION B : REMAINING PRTR POLLU		ASES TO AIR				Please enter all quantities	to determine to March				
	POLLUTANT	ASES TO AIR		MET	HOD	Please enter all quantities	In this section in KGS	QUANTITY			
	FOLLUTANI				lethod 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/Vear		
100.7 00000 0			IN O/L	Include Code	Designation of Description	0.0			0.0)	
	* Select a row by double-clicking on the Pollutant Name	(Column B) then click the delete button								-	
		(
CTION C : REMAINING POLLUTANT	EMISSIONS (As required in your Licence)						_				
		ASES TO AIR				Please enter all quantities	in this section in KGs				
	POLLUTANT				HOD					QUANTITY	
				N	lethod Used						
			M/C/E	Method Code	Designation or Description					A (Accidental)	F (Fugitive)
						Emission Point 1	Emission Point 2	Emission Point 3	T (Total) KG/Year	KG/Year	KG/Year
Pollutant No.	Name						575				
Pollutant No.	Dust	(Column R) then elisis the delate button	M	ALT	Bergerhoff Methos	306.66	575.4		1209.42	2 (0.0
		(Column B) then click the delete button					575			2 (0.0
0	Dust * Select a row by double-clicking on the Pollutant Name	(Column B) then click the delete button					575.			2 1	0.0
0	Dust * Select a row by double-clicking on the Pollutant Name	(Column B) then click the delete button					575.			2 (0.0
	Dust * Select a row by double-clicking on the Pollutant Name	(Column B) then click the delete button					575.			2	0.0
o dditional Data Requested from	Dust * Select a row by double-clicking on the Pollutant Name Landfill operators						575.			2	0.0
0 dditional Data Requested from 1 the purposes of the National Inventory on Gr	Dust * Select a row by double-clicking on the Pollutant Name Landfill operators eenhouse Gases, landfill operators are requested to provide	e summary data on landfill gas (Methane)					575.			2 1	0.0
D dditional Data Requested from the purposes of the National Inventory on Grr ed or utilised on their facilities to accompany	Dust * Select a row by double-clicking on the Pollutant Name Landfill operators	e summary data on landfill gas (Methane) niy report their Net methane (CH4)					575.			2 1	0.0
0 dditional Data Requested from • the purposes of the National Inventory on Gri ed or utilised on their facilities to accompany ission to the environment under T(total) KGyr	Dust * Select a row by double-clicking on the Pollutant Name Landfill operators enhouse Gases, landfil operators are requested to provide for Section A: Sector specific PRTR pollutants above. Plea	e summary data on landfill gas (Methane) niy report their Net methane (CH4)					575.			2 1	0.0
0 dditional Data Requested from rthe purposes of the National Inventory on Gr ed or utilised on their facilities to accompany ission to the environment under T(otal) KG/yr andfill:	Dust 'Select a row by double-clicking on the Pollutant Name Landfill operators eenhouse Gases, landfill operators are requested to provide the figures for total methane generated. Operators should	e summary data on landfill gas (Methane) niy report their Net methane (CH4)					575.			2 1	0.0
d dititional Data Requested from refor utilised on their facilities to accompany ission to the environment under T(ecal) KGyr andfill:	Dust * Select a row by double-clicking on the Pollutant Name Landfill operators enhouse Gases, landfil operators are requested to provide for Section A: Sector specific PRTR pollutants above. Plea	e summary data on landfill gas (Methane) niy report their Net methane (CH4)					575.			2	0.0
D dditional Data Requested from r the purposes of the National Inventory on Grr red or utilised on their facilities to accompany sistion to the environment under T(bas) Kölyr anoffili: ease enter summary data on the anothis of methane flared and / or	Dust * Select a row by double-clicking on the Pollutant Name Landfill operators enhouse Gases, landfil operators are requested to provide for Section A: Sector specific PRTR pollutants above. Plea	e summary data on landfill gas (Methane) niy report their Net methane (CH4)		ALT	Bergerhoff Methos		575.			2	0.0
0 dditional Data Requested from r the purposes of the National Inventory on Grr red or utilised on their facilities to accompany sistion to the environment under T(total) Köyr indeffil: ease enter summary data on the antities of methane flared and / or	Dust * Select a row by double-clicking on the Pollutant Name Landfill operators enhouse Gases, landfil operators are requested to provide for Section A: Sector specific PRTR pollutants above. Plea	e summary data on landfill gas (Methane) niy report their Net methane (CH4)		ALT	Bergerhoff Methos	306.66	575.			2	0.0
0 dditional Data Requested from r the purposes of the National Inventory on Grr red or utilised on their facilities to accompany sistion to the environment under T(total) Köyr indeffil: ease enter summary data on the antities of methane flared and / or	Dust * Select a row by double-clicking on the Pollutant Name Landfill operators eenhouse Gases, landfill operators are requested to provide for Section A: Sector specific PRTR pollutants above. Plea Oxigen Environmental Limited (Merrywell)	s summary data on landfill gas (Methane) only report their Net methana (CH4) as complete the table below:	M	ALT	Bergerhoff Methos ethod Used Designation or	306.66 Facility Total Capacity	575.			2	0.0
d ditional Data Requested from ret or utilised on their facilities to accompany ission to the environment under Teoral) KGyr andfill: ease enter summary data on the antities of methane flared and / or ilised	Dust * Select a row by double-clicking on the Pollutant Name Landfill operators enchouse Gases, landfill operators are requested to provide the figures for total methane generated. Operators should for Section A: Sector specific PRTR pollutants above. Plea Oxigen Environmental Limited (Merrywell) Ctigen Environmental Limited (Merrywell) T (Total) kg/h	s summary data on landfill gas (Methane) only report their Net methana (CH4) as complete the table below:		ALT	Bergerhoff Methos	306.66	575.			2	0.0
dditional Data Requested from r the purposes of the National Inventory on Gr red or utilised on their facilities to accompany isation to the environment under T[beal] KGly norffil: ease enter summary data on the antities of methane flared and / or illised Total estimated methane generation (as	Dust Select a row by double-clicking on the Pollutant Name Landfill operators enhouse Gases, landfill operators are requested to provide for Section A. Sector specific PRTR pollutant above. Plea Oxigen Environmental Limited (Merrywell) T (Total) kg/n per	s summary data on landilli gas (Methane) ndy report their Net methane (CH4) se complete the table below: Year	M M/C/E	ALT	Bergerhoff Methos ethod Used Designation or	306.66 Facility Total Capacity m3 per hour	575.			2	0.0
ditional Data Requested from rete auroses of the testinal investory or Green reter auroses of the testinal investory or Green reter auroses of the testinal investory or Green reter auroses of the testinal testinate (Green reter auronant under Total) Köry artitles of methano flared and / or lised Total estimated methane generation (as	Dust Select a row by double-clicking on the Pollutant Name Landfill operators enthful o	r summary data on landill gas (Nethano) why report their Net methane (CH4) as complete the table below: Year	M M/C/E	ALT	Bergerhoff Methos ethod Used Designation or	306.66 Facility Total Capacity m3 per hour N/A				2	0.0
C dditional Data Requested from r the purposes of the National Inventory on Gr red or utilised on their facilities to accompany ission to the environment under T(exal) Kdlyr notfill: case enter summary data on the annities of methane flared and / or lised Total estimated methane generation (as site m Methane fl	Dust * Select a row by double-clicking on the Pollutant Name Landfill operators eenhouse Gases, landfill operators are requested to provide for Section A. Sector specific PRTR pollutants above. Plea Oxigen Environmental Limited (Merrywell) T (Total) kg/n per ded)	o summary data on landilli gas (Methane) holy report their Net methane (CH4) as complete the table below. Year 0.0	M M/C/E	ALT	Bergerhoff Methos ethod Used Designation or	306.66 Facility Total Capacity m3 per hour N/A 0.0	(Total Flaring Capacity)	4 327.36		2 (0.0
diditional Data Requested from the purposes of the National Inventory on Grr ed or utilised on their facilities to accompany sisten to the twork-tament under (flowal) Köyr more summary data on the antities of methane flared and / or lised Total estimated methane generation (as site Methane Utilised	Dust Select a row by double-clicking on the Pollutant Name Landfill operators eenhouse Gases, landfill operators are requested to provide the figures for total methane generated. Operators about o for Section A. Sector specific PRTR pollutants above. Pleas Oxfore Environmental Limited (Merrywell) Per T (Total) kg/ Per Section A. Sector Section Previous Action Previous Action Per Def Def Section A. Sector Section Previous Action Def Section Actio	r summary data on landill gas (Nethano) why report their Net methane (CH4) as complete the table below: Year	M M/C/E	ALT	Bergerhoff Methos ethod Used Designation or	306.66 Facility Total Capacity m3 per hour N/A 0.0		4 327.36		2	0.0
ditional Data Requested from the purposes of the National Inventory on Gr ed or utilised on their facilities to accompany siston to the environment under T(total) Kölyr offilit: ase enter summary data on the antitios of methane flared and / or lised Total estimated methane generation (as site om Methane fl	Dust * Select a row by double-clicking on the Pollutant Name Landfill operators eenhouse Cases, landfill operators are requested to provide for Section A. Sector specific PRTR pollutants above. Plea Oxigen Environmental Limited (Menywell) reference in the section of the sect	o summary data on landilli gas (Methane) holy report their Net methane (CH4) as complete the table below. Year 0.0	M M/C/E	ALT	Bergerhoff Methos ethod Used Designation or	306.66 Facility Total Capacity m3 per hour N/A 0.0	(Total Flaring Capacity)	4 327.36		2 (0.0

2 RELEASES TO WATERS	Link to previous years emissions data	PRTR# :	W0208 Facility Nar	ne : Oxigen Environmental Limited (N	/lerrywell) Filename : PR	TR W0208_	2013.xls Return Year : 201	3	25/04/2014 16:4	
ECTION A : SECTOR SPECIFIC PR		Data on a	mbient monitoring	of storm/surface water or groundw				NOT be submitted under AER	/ PRTR Reporting as thi	
	RELEASES TO WATERS				Please enter all quantities in this section in KGs					
	POLLUTANT			M - 4				QUANTITY		
No. Annex II	Name	M/C/E	Method Code	Method Used Designation or Description	Emission Point 1		T (Total) KG/Year			
NO. ANNEX II	Total organic carbon (TOC) (as total C or COD/3)	M	ALT	Apha-5220-D		1288.98	1288.98	A (Accidental) KG/Year 0.0	F (Fugitive) KG/Yea	
		M	ALI	Apria-5220-D		1288.98	1288.98	0.0	0	
	* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button									
ECTION B : REMAINING PRTR POL	LITANTS									
CTION B . REMAINING FRIR FOL	RELEASES TO WATERS	_			Please enter all qu	antitios ir	n this section in KGs			
	POLLUTANT	Please effect all quantities in this section in ross								
				Method Used						
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1		T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Yea	
			-			0.0	0.0	0.0		
	* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button	_								
CTION C : REMAINING POLLUTA	NT EMISSIONS (as required in your Licence)									
	RELEASES TO WATERS				Please enter all qu	antities ir	n this section in KGs			
	POLLUTANT							QUANTITY		
				Method Used						
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1		T (Total) KG/Year		F (Fugitive) KG/Yea	
6	COD	M	ALT	Apha-5220-D		3866.95	3866.95	0.0		
0	Suspended Solids	M	ALT	Apha- 2540-B		6491.11	6491.11	0.0		
4	Mineral oils	M	ALT	GC- FID		0.1	0.1	0.0		
8	Ammonia (as N)	M	ALT	Apha-4500-NH3-D		20.7	20.7	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

| PRTR# : W0208 | Facility Name : Oxigen Environmental Limited (Merrywell) | Filename : PRTR W 25/04/2014 16:42

	OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-	WATER TREATMENT C	R SEWER		Please enter all quantities	in this section in KGs		
POLLUTANT				METHOD			QUANTITY	
				Method Used				
o. 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/
	Total organic carbon (TOC) (as total C or COD/3)	M	ALT	Apha-5220-D	938.8	938.8	0.0	
	Copper and compounds (as Cu)	M	ALT	Apha-3120-B	0.17	0.17	0.0	
	Zinc and compounds (as Zn)	м	ALT	Apha-3120-B	0.13	0.13	0.0	

SECTION B : REMAIN	ING POLLUTANT EMISSIONS (as required in your Licence)								
	OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREA	TMENT OR	SEWER		Please enter all quantities in this section in KGs				
	POLLUTANT			METHOD	QUANTITY				
			Method Used						
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year	
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	

Vetergents (as MBAS) * 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) File	name : PRTR W0208_2013.xls Return Year : 2013	25/04/2014 16:42
SECTION A . PRTR POLEOTANTS	RELEASES TO LAND		Please enter all quantities in this section in KGs	
	POLLUTANT	METHOD		QUANTITY

POLLUTANT		METHOD				QUANTITY		
			Method Used					
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/	/Year
					0.0) (0.0	0.0
* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button								

SECTION B : REMAINING	POLLUTANT EMISSIONS (as required in your Licence)								
	RELEASES TO LA	ND			Please enter all quar	tities in this section in K	Gs		
POLLUTANT			ME	THOD		QUANTITY	QUANTITY		
				Method Used					
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental)	KG/Year	
						0.0	0.0	0.0	
		(0.1 B) (1 E E A E	1.1.1.1.1						

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

5. ONSITE TREATMENT & OFFSITE T				all quantities on this sheet in Tornes	eral Linked (Mernwell Flenane : PRTR W1208				Har Wate : Nime and Lizerce/Permit No of Ned			25042014 18	
			Quantity (Tonnes per Year)				Method Used		Declination Facility <u>Not Hot Words</u> : Name and Licence/Permit No of Recover/Disposer	Har Waste - Address of Next Destination Facility Non Hot Waster Address of RecoverDisposer	Name and License / Permit No. and Address of Final Recoverse / Disposer (HAZNRDOUS WASTE ONLY)	Actual Address of Final Dec Le. Final Recovery / Disport 64AD/RDOUS WASTE C	
anafer Destination	European Waste Code	Hazardou		Description of Waste	Waste Treatment Operation	MC/E	Method Used	Location of Treatment					
Other Countries	15 01 01	No	1279.45	paper and cardboard packaping	R3	м	Weighed	Abroad	North West Fibres.n/s	3525 Coby Avenue, Evenett, WA 98201- 4782United Kinodom Ballymount			
hin the Country		No		paper and cardboard packaging	R3	м	Weighed	Offsite in Iteland	North West Fibres.n/s Irish Packaging Recycling T.A. Panda Waste,WPR021-02 Peute Papier Recycling	Bailymount Road, Walkinstown, Dublin 12., Juliand Basnhoskweg 4,3313 LA DordwachtNetherlands Unit 5 Nuths Corner Basiness Park, Durdhod Road, Currein, BT29 45R Linited Kinodom Killvoard Industrial			
Other Countries		No		paper and cardboard packaging	83	м	Wainhard	libernari	Peute Papier Recycling BV/n/a	Baanhoekweg 4,3313 LA DordreachtNetherlands			
						м				Business Park, Dundrod Road, Crumin, 8T29			
Other Countries		No		olastic packading	R3		Weighed	Abroad	Cherry Polymers.n/a	Estate Bree Castleblayrey,			
hin the Country		No		plastic packading	R3	м	Weighed		The Shabra Group rvia Irish Packaging Recycling T/A Panda	Co Monachan Iteland Ballymount Road Walkinstown Dublin			
hin the Country	15 01 02	No		plastic packading	R3	м	Weighed	Offsite in Iteland		12Ireland Floors Street,Johnstone PAS 805 PAS 805 United			
Other Countries	15 01 02	No	123.1	plastic packaging	R3	м	Weighed	Abroad	WRCC Recycing,	Kingdom Bollamey,The			
hin the Country	15 01 04	No	216.4	metallic packaging	84	м	Weinhart	Offsite in Issland	Multimetals Recycling LTD.WFP-WW-09-0014-01	Co-Monachan.heliand Baidymourt Road Walkinstewn, Dublin 12heliand J.Ack 805, PAS 805, United Kingdom Bollamey, The Musmuph, Wicklow, Co. Wicklow, Initiand Unit 4 Obsension Indiatrual Park, Cangh Road, Naas, Co			
thin the Country	15 01 07	No	770.19	alasa packaoina	RS	м	Weighed	Offsite in Iteland	Glassico. WPN247/2006	Industrual Park, Caragh Road, Naxa, Co Kildane, Ineland			
thin the Country		No	49.55	end-of-life tures misture of concrete, bricks, tiles and	RS	м	Weighed		Glasson WPN247/2006 Crumb Rubber Ireland Lid: WP2007/01	Kildans Ineland Mooretown, Dromiskin, Dund alk. Co Louth. Iteland			
hin the Country	17 01 07	No	774.32	ceramics other than those mentioned in 17.01.05 misture of concrete, bricks, tiles and	RS	м	Weighed	Offsite in Iteland	Arthurstown Landiil W0003-03	Kill Co KildareIreland			
thin the Country	17 01 07	No	9010.98	ceramics other than those mentioned in 17 01 05	RS	м	Weighed	Offsite in Iteland	Ballynagran Landiil.W0165-02	Ballynagran .WicklowIteland			
thin the Country	17 01 07	No	1277.22	and-of-life tomas mixture of concretes, bricks, tiles and commiss of wher than these mentioned in 17.01.05 mixture of concretes, bricks, tiles and commiss of both than these mentioned in 17.01.05 mixture of concretes, bricks, tiles and commiss of concretes, bricks, tiles and commiss of the than these mentioned in 17.01.05	RS	м	Weighed	Offsite in Iteland	Drehid Waste Management Facility,W0203-03	Carbury,Co Kildane,,Ineland			
thin the Country		No				м	Weighed		Retech Processing	IDA Industrial Estate,Cavan Road,Cootehill,Co Cavan, Ireland			
			11.22	plastic mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R3			Office in Incand	Retech Processing Ltd.WP07/04 Padraig Thornton Waste Disposal T/A Thorntons Recycling.W0044-02	Kileen Road,Dublin 12Ireland			
thin the Country		No			R12	м	Weighed		Recyclina W0044-02 Multimetals Recycling LTD WFP-WW-09-0014-01	12Ireland Bollamey,The Munough,Wicklow,Co.			
thin the Country thin the Country		No No	545.48	ferrous metal	R4 R1	M M	Weighed		LTD.WFP-WW-09-0014-01 Irish Cement P0030-04	Bollamey,The Murrough,Wicklow,Co. Wicklow.Ineland Platin,Drogheda,Co Louthheland			
and the Country	191210	nu	11112.00	other wates (including midures of materials) from mechanical treatment of									
thin the Country	19 12 12	No	8828.01	combustible waste (induse derived hall) other wastes (including midures of materials) from michanical issammin of wastes other trans thas methodened in 19 12.11 other wastes (including midures of materials) from michanical issammin of wastes other than those methodened in 19 12.11 other wastes (including midures of other wastes (including midures of	RS	м	Weighed	Offsite in Iteland	Drehid Waste Management Facility,W0203-03	Carbury,Co Kildare,,Ireland			
thin the Country	19 12 12	No	33249.17	materials) from mechanical treatment of vesates other than those mentioned in 19 12 11	D1	м	Weighed	Offaite in Iteland	Balynagran Landfil W0165-02	Ballynagran .WicklowIteland			
				materials) from mechanical treatment of seasters other than those mentioned in 19									
thin the Country	19 12 12	No	585.62	12 11 other wastes (including midures of materials) from midures of	R1	м	Weighed		Indever Waste-to-Energy.	Carranatown,Duleek,CO. MeathIreland			
thin the Country	19 12 12	No	2680.85	12.11 other waskin (including midures of materials) from michasical teatment of waskins other thran those maniformed in 19 12.11 other waskins (including midures of materials) from michasical teatment of waskins other than those maniformed in 19 12.11	D1	м	Weighed	Offaite in Iteland	Knockharley Landill,W146- 02	Navan Co. MeathIreland			
				other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19						Robinbourd Industrial			
thin the Country		No			D1	м	Weighed	Offsite in Iteland	Environmental W0152-03 Peute Papierrecycling	Eatate,Robinhood Road Dublin 12Iveland Baanhoekweg 4,3313 LA Dordrecht,The			
Other Countries	20 01 01	No	3702.34	paper and cardboard	R3	м	Weighed	Abroad	Peute Papierrecycling BV/n/s	NetherlandsNetherlands 3525 Colby			
Other Countries	20 01 01	No		paper and cardboard	R3	м	Weighed	Abroad	North West Fibres.n/a	4782. United Kinedom Visaweg 12,NL-4782		Manage	
Other Countries	20 01 27	Yes	21.44	paint, inks, adhesives and resins containing dangerous substances	R1	м	Weighed	Abroad	ATM BV.n/s	PW, Moendidijk, , Netherland a Cappincur Industrial	ATM BV, 1538449, Vasweg 12. Moerdik — Netherlands	visiweg 12.MoerdikNethe	
thin the Country	20 01 36	No	194 8*	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	R4	м	Weighed	Offsite in believed	KMK Metals recycling Ldt.W0113-03	Road,Tullamore,Co. Ottaly.ireland			
thin the Country		No	194.85		R4 R4	м	Weighed		Ldt.W0113-03 Multimetals Recycling LTD.WFP-WW-09-0014-01	Ottalv.Instand Bollamey,The Munough,Wicklow,Co. Wicklow.Instand			
		No								Wicklow Iteland Larch Hill Stud, Kilcock, Co Meath, WMP2004/57. Iteland Ballymount			
thin the Country		No		biodecradable waste	RS	м	Weighed	Offsite in Iteland	Ltd.WMP2004/57 Irish Packaging Recycling T/A Panda	Meath.WMP2004/57.Ireland Ballymount Road.Walkinatown.Dublin			
thin the Country	20 03 01	No		mixed municipal waste	R4	м	Weighed	Offsite in Iteland	Ervich Erwinnmental List WMP2004/57 Inth Packaging Recycling TJA Panda Wasaba WPR021-02 Padasig Thornton Waste Disposal TJA Thorntons Recycling.W0044-02	Road, Walkinstown, Dublin 12Ireland Kileen Road Dublin			
hin the Country	20 03 01	No	418.26	mixed municipal waxte other waxtes (including mixtures of materials) from mechanical treatment of waxtes other than those mentioned in 19 12 11	R12	м	Weighed	Offsite in Iteland	Recycling,W0044-02	Kileen Road,Dublin 12,,Ireland			
hin the Country	19 12 12	No	544.5	vesates other than those mentioned in 19 12 11	R4	м	Weighed	Offsite in Iteland	Arthurstown Landiil:W0003-03	Kill Co KildareIreland			
hin the Country	17 09 04	No	20.68	12 11 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R12	м	Weighed	Offsite in Iteland	Ballynagran Landill W0165-02	Ballynagran .WicklowIreland			
hin the Country	15 01 07	No	12.55	dasa backading	RS	м	Weighed	Offsite in Iteland	Balynagran Landiil.W0165-02	.victorxtreand Ballynagran .victorxInstand Ballynagran .victorxInstand Ballyngan Road, Carrickmines, Dublin 15Instand Mashkat Daraksatara Mas			
thin the Country	20 02 02	No	24.24	soil and stones discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	RS	м	Weighed	Consideration of the second	Rohmmer I and I Fasily	Wicklow Ireland Ballyogan Baad Costatement Dable			
thin the Country		No No			R4 R3	M M	Weighed Weighed	Offsite in Iteland	Ballogan Recycling Park/W0015-01 Behan Land Restoration/W0247-01	18, Jeland Blackhall, Punchestown, Nas s.Co. Kildare Ireland			
hin the Country			24.95	paper and cardboard mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 05									
hin the Country hin the Country		No	121.1	17 01 05 soil and stones	RS RS	M M	Weighed	Offsite in Iteland	Behan Land Reatonation W0247-01 Behan Land Reatonation W0247-01	Blachkal, Punchestoren, Nas L.C., Kilders Heiterd Blachkal, Punchestoren, Nas J.C., Kilders, Heiterd Long Mile Road, Dublin 12, Dublin 12, Dublin Larch Hill Morasaterewin, Co. Kildere, Jesterd Cosg Avenue, Clondakin Industrial Estate, Clondakin, Dublin			
thin the Country		No		gases in pressure containers other than those mentioned in 16 05 04	R4	м	Weighed			Long Mile Road, Dublin 12, Dublin 12, Dublin			
thin the Country		No			RS	м	Weighed		Calor Gas. WPR Cleary Compost & Shredding Ltd, WPP-KE- 0010-0064-01	Larch Hill,Monasterevin,Co.			
thin the Country	20 02 01	NO	2709.6	biologradable waste ofter wastes (including mixtures of materials) from machanical treatment of wastes ofter than those membored in 19 12:11 mixed construction and demolition wastes	RG		weated	Office in Incand	001000000	Crag Avenue, Clondalkin Industrial			
thin the Country	19 12 12	No	119.94	tize to the second seco	R13	м	Weighed	Offsite in Iteland	Grevhound .W0205-01	22.Ireland			
thin the Country		No	19.14	17 09 02 and 17 09 03	R1	м	Weighed		Indever Waste-to-Enerov	Carranatown, Duleak, CO. MeathIreland Carranatown, Duleak, CO. MeathIreland Carranatown, Duleak, CO.			
thin the Country thin the Country		No No		bulky wants combustible waste (refuse derived fuel)	R1 R1	M M	Weighed		Indaver Waste-to-Energy.	MeathIreland Carranstown,Duleek,CO. MeathIreland Ballemount			
thin the Country		No		paper and cardboard	R3	м	Weighed	Offsite in Issland	Indever Waste-to-Energy Inth Packaging Recycling T/A Panda Waste, WPR021-02 Inth Packaging Recycling T/A Panda Waste, WPR021-02 Waste WPR021-02	Band Mathiastern Public			
thin the Country		No		plastics	R3	м	Weighed	Offeite in Issland	Irish Packaging Recycling T/A Panda Waste WP8021-02	12, Jeland Ballymount Road, Walkinstown, Dublin 12, Jeland			
thin the Country		No		composite markening	Ra	м	Weighed		Irish Packaging Recycling T/A Panda Waste WPR021-02	Ballymount Road,Walkinatown,Dublin 12Ireland			
thin the Country	15 01 05	No			RS	м	Weighed	Offsite in Iteland	Waste.WPR021-02 KMK Metals Recycling.W0113-	12Ireland	KMK Metals Recycling,W0113-		
thin the Country	16 02 11	Yes	3.9	discarded equipment containing chiotellucrocarbons. HC/IC. HI ^{II} C mistatre of concrete, bricks, tiles and cenamics other than those mentioned in 17 01 05	R4	м	Weighed	Offsite in Iteland	KMK Metals Recycling W0113- 02, Tullamore,, Co Offsiv. Ireland	Ireland	Recycling,W0113- 02,Tullamore,Co Ottalv.Ineland	Ireland	
thin the Country	17 01 07	No	55.42	ceramics other than those mentioned in 17 01 05	R13	м	Weighed	Offsite in Iteland	Oxigen Env;WFP-10-OY- 0183-02 Oxigen Env;WFP-10-OY-	Daingean, Tultamore, Co OttalvIreland Daingean Tultamore Co			
thin the Country		No	14.8	wooden packaging wood other than that mentioned in 20 01 37	R13	м	Weighed	Offsite in Iteland	Origen Enx,WFP-10-OY- 0183-02 Osigen Enx,WFP-10-OY- 0183-02 Osigen Enx,WFP-10-OY- 0183-02 Osigen Enx,WFP-10-OY-	Daingean, Tullamona, Co OttaluInband Daingean, Tullamona, Co OttalyInband Daingean, Tullamona, Co OttaluInband			
hin the Country hin the Country		No No		37 wooden packadino	R13 R13	M M	Weighed Weighed	Ottaite in Iteland	0183-02 Oxigen Env;WFP-10-OY- 0183-02	OffalvIreland Daingean, Tultamore, Co OffalvIreland Cappagh Road, Finghas, Dublin			
hin the Country		No	16.32		D15	м	Weighed	Offaite in Iteland	Nurenciale Ltd t/a Panda	Cappagh Road,Finglas,Dublin 11Ireland			
				other wastes (including mixtures of materials) from mechanical treatment of provides there there explored in 10						Cappagh			
hin the Country	19 12 12	No	29.58	vacables other than those mentioned in 19 12 11 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	D15	м	Weighed		Nurenciale Ltd t/a Panda Waste services .W0251-01 Nurenciale I of t/a Panda	11Ireland Cappagh Roard Finders Dahlin			
hin the Country	17 09 04	No	47.95	17 09 02 and 17 09 03	R12	м	Weighed		Nurenciale Ltd t/s Panda Waste services (W0251-01	Road, Finglas, Dublin 11, Jealand Cappagh Road, Finglas, Dublin 11Ireland			
hin the Country	20 03 07	No	77.85	bulky seasts	ns.	м	Wainhart		Nurenciale Ltd t/a Panda Waste services .W0261-01	waaa,ringlas,Dublin 11Iwland Cappagh			
hin the Country	19 12 10	No	225.56	combustible waste (refuse derived fuel)	R1	м	Weighed	Ottaite in Iteland	Nurenclale Ltd t/s Panda Waste services .W0251-01	Cappagh Road,Finglas,Dublin 11beland Unit 7 Cambrane Industrial			
Other Countries	20 03 01	No	65.6	mixed municipal waste	DS	м	Weighed	Abroad	Reper Waste Ltd.	Estate,Newry,Co. Down,BT35 6JQ.Ireland	Rialta Enviornmental		
										Block 402 Grants Drive,Greenouge Business Park,Rathcoole,Co.	Rialta Environmental Limited, W0192-03, Block 402 Grant drive, Greenouge Business Park, Rathcoole, Dublin, Irela		
thin the Country	17 05 05	Yes	654.71	construction materials containing asbestos (18)	D14	м	Weighed	Offaite in Iteland	Rialta Environmental Limited,W0192-03	Park Rathcoole, Co. Dublin, Iteland	Park,Rethcoole,Dublin,Irela nd	Ireland	
				mixed construction and demolition wastes other than those mentioned in 17.09.01					Ameg Gate Ltd t/s Skipitans & Ballymore	Park, Rathcoole, Co. Dubin, teland Unit 518B Greenouge Business Park, Rathcoole, Co.			
thin the Country	17 09 04	No	76.22	17 09 02 and 17 09 03	R12	м	Weighed	Ottaite in Iteland	bins,WFP-DS-11-0002-01 Ameg Gate Ltd t/s Skiptrans & Ballymore	Unit 5188 Greenouge			
thin the Country		No		bulky seasts	ns.		Wainhard	Offsite in beland	Arreg Gass Lib to Skptans & Ballymone bins.WFP-DS-11-0002-01 Wilton Waste Recycling Ltd.WFP-CN-10-0005-01	Business Park, Rathcoole, Co. DublinIreland Killarch Crosseriourch Ballui			
thin the Country		No	47.02	metallic backaoino	R4	м	Weighed	Offaite in Iteland	Ltd.WFP-CN-10-0005-01	Kiffagh,Crosserlough,Ballyj ameaduff.Co.Cavan,Ireland Towers Business			
Other Countries	20 01 01	No	1387.34	paper and cardboard	R3	м	Weighed	Abroad	ACN Europe	Park,Wilmslow Road,Didsbury,WMCR M20 2DX.United Kinodom			
thin the Country		No		paper and cardboard minture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 05	RS	м	Weighed	Offsite in Instruct	L Behan & Sons Limited,COR-DS-12-0002- 01	Windmill Hill Quarry,Rathcoole,Co. Dublin, Jreland			
Other Countries		No		plastics	R3	м	Weighed		Bezatrade,.	Windmill Hill Quarry,Rathcoole,Co. DublinIreland Edisorweg 7,0071 RL Nurrapeet,,Netherlands 96 Port Glasgow Read,GreencokPA15 2UL:United Kinodom			
Other Countries	20 01 39	No	6.84	plastics	83	м	Wainhart	dessart	British Polythene Industries PLC.	Road, Greenock, "PA15 2UL United Kinodom			
Other Countries		No		paper and cardboard packaging	R3	м	Weighed	Abroad	Celmark INC	Lila Borrmen 3c,Po Box 11927,SE 40439			
		No		combustible waste (refuse derived fuel)		м	Weighed	Abroad	Cellmark INC	GothenburgSweden Lills Bommen 3c.Po Box 11927,SE 40439 GothenburgSweden			
		No		combustible waste (refuse derived fuel)			Weighed		Celmark INC	GothenburgSweden Kungsgatan 50111 35StockholmSweden	Frairceaster Proto 1.7		
Other Countries Other Countries										Plato 1-2 Rassau Industrial Estate.Ebbw valeNP23	Envirowales, "Plato 1-2 Rassau Industrial Estate, Ebbw vale, "NP23 550, United Kingdom Envirowales, "Plato 1-2 Rassau Industrial Estate, Ebbw vale, "NP23 ERD Linited Kandom		
Other Countries	16 06 01	Yes	276.76	lead batteries batteries and accumulators included in 16 05 01, 16 06 02 or 16 06 03 and unaorted batteries and accumulators containing these batteries	R4	м	Weighed	Abroad	Envirowales,.	55D,United Kingdom Plato 1-2 Rassau Industrial Estate,Ebbw vale, ,NP23	500,United Kingdom Envirowales, "Plato 1-2 Rassau Industrial	,United Kingdon	
Other Countries		Yes	105.02		R4	м	Weighed	Abroad	Envirowales,.	Estate,Ebbw vale, .NP23 55D,United Kingdom Vasweg 12,NL-4782 PW,Moerdidijk, .Netherland	Estate,Ebbw vale, .,NP23 55D,United Kingdom	United Kingdon	
	20 01 33	Yes						Abroad	ATM BV n/a	PW,Moerdidijk, Netherland			
Other Countries Other Countries		Yes No	108.76	paint, inks, adhesives and resins other than those mentioned in 20 01 27	R2	м	Weighed	ADIOSO			Encoderated		
Other Countries Other Countries Other Countries			108.76		R2	м	Weighed	ADIOBO		Commission Industrial	Envs Instand Limited,WD184- 01,Clonminam Industrial		
Other Countries Other Countries Other Countries Other Countries him the Country	20 01 28 20 01 26	No Yes	2.44	oil and fat other than those mentioned in 20 01 25	Da	м	Weighed			Clorminam Industrial Estate,Portaois,Laois,Irela nd Bailynagran	Enva Ireland Limited,W0154- 01,Clonminam Industrial Estate,Portlaois, "Laois,Irela nd	beland	
Other Countries Other Countries Other Countries Other Countries him the Country him the Country	20 01 28 20 01 26 19 08 01	No	2.44 9.6	oil and fat other than those mentioned in 20 01 25 screenings		M M		Offsite in Iteland Offsite in Iteland	Erwa Ineland Ltd.W0184-01 Ballynagran Landill,W0165-02	nd Ballynagran ,Wicklow,,Iteland Tom Bress Point	Ensa Isaland Limited W0184- 01, Clorvinan Industrial Estate Portisois, , Laois, Isela nd	Ireland	
Other Countries Other Countries Other Countries Other Countries him the Country	20 01 28 20 01 26 19 08 01	No Yes	2.44 9.6	oil and fat other than those mentioned in 20 01 25	Da	м	Weighed	Offsite in Iteland Offsite in Iteland		nd Ballynagran "Wicklow,,Ireland	Ense keland Limited W0184- 01,Clonninam Industrial Estate,Portaoix., Laois,Irela rd	Indand	

Link to envirous vesas vaste data Link to envirous vesas vaste summary data & percentage chance Link to Waste Guidance