Facility Information Summary		
AER Reporting Year	2014	
Licence Register Number	W0152-03	
Name of site	Oxigen Environmental (Robinhood)	
Site Location	Robinhood Industrial Estate, Robinhood Road, Dublin 22	
NACE Code		
Class/Classes of Activity	(Licence Activities)11, 12, 13,	
National Grid Reference (6E, 6 N)	E309466 N231082	Γ
	Oxigen Environmental Limited holds EPA Waste Licence Register Number W0152-03 to operate a Waste Transfer	er
	Station at the Robinhood Industrial Estate, Robinhood Road, Ballymount, Dublin 22. In accordance with the	
A description of the activities/processes at	requirements of Condition 11.9 of the Waste Licence, an Annual Environmental Report (AER) for the facility	
the site for the reporting year. This should	must be submitted to the Environmental Protection Agency (EPA).	
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.

03

Date

(or nominated, suitably qualified and experienced deputy) Group/Facility manager

Signature

AIR-summary tem	plate				Lic No:	W0152-03		Year	2014		
Answer all questions an	nd complete all tables who	ere relevant					Additional informat	ion			
Does your site hav reporting year and a solvent r	e licensed air emissions answer further question: management plan (table	If yes please com s. If you do not hav A4 and A5) you <u>d</u>	plete table A1 and the licenced emission on the need to com	A2 below for the current ons and do not complete a plete the tables	SELECT						
Desiratio /	Non-Continuous Mo	elterine							·		
			o assuido briof dat	als in the comment section of							
				alls in the comment section of	SELECT						
	ried out in accordance with g the basic air monitoring			AGN2	SELECT						
Table A1: Licensed	Mass Emissions/Am	bient data-per	iodic monitorin	g (non-continuous)							
										reason for change in %	
										reason for change in % mass load from	
Emission reference		Frequency of	ELV in licence or any revision			Unit of	Compliant with		Annual mass	previous year if	
no:	Parameter/ Substance	Monitoring	therof	Licence Compliance criteria	128.05	measurement	licence limit	Method of analysis	load (kg)	applicable	
D1	Total Particulates	Quarterly		100 % of values < ELV	137.06	mg/m2/day	SELECT	ALT	47.76		
22	Total Particulates	Quarterly		100 % of values < ELV		mg/m2/day	SELECT	ALT	51.92		
D2	Total Particulates	Quarterly		100 % of values < ELV	252.15	mg/m2/day	SELECT	ALT	95.53		
Emmission Point A	Mercaptans	Monthly		100 % of values < ELV	<5ppm	ppm	SELECT	ALT			
Emmission Point A	Hydrogen Sulphide	Monthly		100 % of values < ELV	<5ppm	ppm	SELECT	ALT			
Emmission Point A	Ammonia	Monthly		100 % of values < ELV	<50ppm	ppm	SELECT	ALT			
Emmirries Baies C	Morramor	Monthly		100 % of values < ELV	<5ppm		SELECT	ALT			
ATIBASION POINT IS	mercapians	monthly			<5ppm	pryetti		mal			
Emmission Point B	Hydrogen Sulphide	Monthly		100 % of values < ELV	<50ppm	ppm	SELECT	ALT		$\vdash$	
Emmission Point B	Ammonia	Monthly		100 % of values < ELV	<5ppm	ppm	SELECT	ALT			
Emmission Point C	Mercaptans	Monthly		100 % of values < ELV		ppm	SELECT	ALT			
Emmission Point C	Hydrogen Sulphide	Monthly		100 % of values < ELV	<5ppm	ppm	SELECT	ALT			
Note 1: Volumetric flow	shall be included as a rep	ortable parameter									
	Continuous Mo	nitoring				1					
	at continuous air emission		e required fields be	low in Table A2 and compare	SELECT						
	it to its reli	want Emission Limit	Value (ELV)	low in Table A2 and compare							
Did continuous monitor	ring equipment experienc	e downtime? If yes p	alease record down	time in table A2 below	SELECT						
	e service agreement for ea				SELECT						
Did your site e Table A2: Summar	xperience any abatement ry of average emissio	system bypasses? I ns -continuous	f yes please detail t monitoring	hem in table A3 below	SELECT						
	Parameter/ Substance			Compliance Criteria	Units of	Annual Emission	Annual maximum	Monitoring	Number of ELV	Comments	
no:					measurement			Equipment downtime (hours)	exceedences in current		
		ELV in licence or any revision therof							reporting year		
note 1: Volumetric flow	shall be included as a rep	ortable parameter.									
Table A3: Abatem	ent system bypass re Duration** (hours)	porting table tocation	Re	Bypass protocol ason for bypass		Impact magnitud	e	Corrective	action	]	
					<u> </u>						
	* this should include all da		ant system bypass o							•	
** an accurate record	of time bypass beginning inspections p	and end should be lease refer to bypas	logged on site and i s protocol link	maintained for future Agency							
	se and management										
			ons on site? if	lease fill out tables A4 and A5							
.,	Management Plan Si		ons on site? if yes p	lease fill out tables A4 and A5  Please refer to linked solve	nt regulations to	i	SELECT				
Table A4: Solvent		anmary Total	regulations	complete table 5	and 6						
1											
Reporting year	Total solvent input on	Total VOC	Total VOC		Compliance						
	site (kg)	emissions to Air from entire site (direct and fugitive	emissions as %of solvent input	Total Emission Limit Value (ELV) in licence or any							
		(direct and fugitive		(ELV) in licence or any revision therof							
<b>-</b>					SELECT SELECT						
Table A5: So	olvent Mass Balance	summary				1					
	(I) Inputs (kg)			(0)	Outputs (kg)						
	1										
Solvent	(I) Inputs (kg)	Organic solvent emission in waste	Solvents lost in water (kg)	Collected waste solvent (kg)	Fugitive Organic Solvent (kg)	Solvent released	Solvents destroyed on site	Total emission of Solvent to air (kg)		ı	

450 44				DAILE)											
AER Monitori	ing returns summar	y template-WATER/V	VASTEWATER(SE	EWER)		Lic No:	W0152-03 Additional information		Year	2014					
Does your sit	e have licensed emission W2 and W3 below for	ns direct to surface water the current reporting yes	r or direct to sewer	r? If yes please her questions If											
you do not h	ave licenced emissions	you <u>only</u> need to comple nalysis and visual inspec	te table W1 and or	W2 for storm											
Was it a re		ice to carry out visual ins		rface water	Yes										
2 discharge:	s or watercourses on or	near your site? If yes ple	ase complete table	W2 below											
	ele W1 Storm water				SELECT				l						
Location	Location relative to		Licenced	Monitoring	ELV or trigger level in licence	Licence		Unit of	Compliant with						
reference	site activities	PRTR Parameter	Parameter	date	or any revision thereof*	Compliance criteria	Measured value	measurement	licence	Comments					
	SELECT	SELECT	SELECT		thereor*	SELECT		SELECT	SELECT						
*trieger values m	SELECT ay he sersed by the Asen	SELECT cy outside of licence condition	SELECT			SELECT		SELECT	SELECT						
	able W2 Visual insp	ections-Please only e	enter details wh	ere contamina	tion was obser	ved.					1				
Location Reference	Date of inspection					Source of									
			Description of cont	tamination		contamination SELECT SELECT	Corrective acti	on	Comr	nents					
	l	1				SELECT			l						
		I /or wastewater(sew			continuous)	1									
3 Was there any	result in breach of licence s	requirements? If yes please ection of Table W3 below	provide brief details	in the comment	SELECT		Additional information				1				
Was all monitori	ing carried out in accordan	nce with EPA guidance and ring Data Reported to the	External /internal												
EPA? If no please	detail what areas require information box	improvement in additional	Lab Quality	Assessment of results charalist	SELECT										
Table W3: Lic		water and /or waste	water (sewer).r			inuous)					JI				
.301. 443. 00		unu /or waste	(sewer)-p												
						FIV or triager values									
Emission reference no:	Emission released to	Parameter/ SubstanceNote 1	Type of sample	Frequency of	Averaging period	in licence or any	Linence Cormilance criteria	Measured value	Unit of	Compliant with	Method of analysis	Procedural reference source	Procedural reference standard number	Annual mass load	Comments
	Wastewater/Sewer	Temperature	discrete	Monthly	Monthly		All values < ELV	11.88	degrees C	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-2550-8	1.0	
	Wastewater/Sewer	pН	discrete	Monthly	Monthly		All values < ELV	6.54	pH units	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-4500-H+		
	Wastewater/Sewer	800	discrete	Monthly	Monthly		All values < ELV	548.5	mg/L	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-5210-8		
	Wastewater/Sewer	COD	discrete	Monthly	Monthly		All values < ELV	1090.22	mg/L	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-5220-D		
	Wastewater/Sewer	Suspended Solids	discrete	Monthly	Monthly		All values < ELV	1103.44	mg/L	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-2540-D		
	Wastewater/Sewer	Sulphate	discrete	Monthly	Monthly		All values < ELV	35.74	mg/L	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-4110-8		
	Wastewater/Sewer	Fats, Oils and Greases	discrete	Monthly	Monthly		All values < ELV	1207.58	mg/L	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-SS20-B		
	Wastewater/Sewer	Mineral oils	discrete	Monthly	Monthly		All values < ELV	0.12	mg/L	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	GC-MS		
	Wastewater/Sewer	Detergents (as MBAS)	discrete	Monthly	Monthly		All values < ELV	0.08	mg/L	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-SS40-C		
TSW2	Water	Temperature	discrete	Monthly	Monthly		All values < ELV	8.6	degrees C	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-2550-8		
TSW2	Water	pH Conductivity	discrete	Monthly	Monthly		All values < ELV	6.79 687.3	pH units	SELECT	INSTRUMENTAL METHODS  INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-4500-H+		
ISW2	Water	Conductivity	discrete	Monthly	Monthly		All values < ELV	687.3	μS/cm @20oC	SELECT	INSTRUMENTAL METHODS	I.S. (Insh Standard)	APHA-2510-8		TSW2 blocked
TSW2	Water	BOD	discrete	Monthly	Monthly		All values < ELV	127.3	mg/L	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)			cleaned out a upgrade works
												. , ,			the inceptor planned
TSW2	Water	COD	discrete	Monthly	Monthly		All values < ELV	391	mg/L	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-5210-B APHA-5220-D		-
													W NA-5220-0		TSW2 blocked
TSW2	Water	Ammonia (as N)	discrete	Monthly	Monthly		All values < ELV	2.1	mg/L	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)			cleaned out as upgrade works
													APHA-4500-NH3-D		the inceptor planned
TSW2	Water	Mineral oils	discrete	Monthly	Monthly		All values < ELV	<0.1	mg/L	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	GC-MS		
TSW2	Water	Sulphate	discrete	Monthly	Monthly		All values < ELV	53.72	mg/L	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-4110-B		
TSW2	Water	Total nitrogen	discrete	Monthly	Monthly		All values < ELV	9	mg/L	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-4500-N-C		
TSW2	Water	Chlorides (as CI)	discrete	Monthly	Monthly		All values < ELV	64.25	mg/L	SELECT	INSTRUMENTAL METHODS	I.S. (Irish Standard)	APHA-4110-8		
Note 1: Volumetr Note 2: Where Er	ric flow shall be included a mission Limit Values (ELV)	s a reportable parameter do not apply to your licence	please compare resi	ults against EQS for	Surface water or re	elevant receptor qualit	ty standards								
Continuous n	nonitoring						Additional Information		1						
		ons to water/sewer monito			No										
	n Limit Value (ELV)	monitoring data below in 1													
6 Did continuous m	nonitoring equipment expe	rrience downtime? If yes pl	ease record downtin	ne in table W4	SELECT										
7 Do you have a pro	pactive service contract fo	r each piece of continuous	monitoring equipmen	nt on site?	SELECT										
		the reporting year? If yes p		le W5 below	SELECT										
Table W4: Su	mmary of average e	missions -continuou	s monitoring												_
								% change +/- from							
Emission		Parameter / Substance	ELV or trigger values in licence or		Compliance Criteria	Units of	Annual Emission for current	previous reporting year	Monitoring Equipment	Number of ELV exceedences in					
reference no:	Emission released to SELECT	Parameter/ Substance SELECT SELECT	any revision thereo	Averaging Period SELECT	SELECT	SELECT SELECT	reporting year (kg)		downtime (hours)	reporting year		Comments			1
note 1: Volumete	SELECT ic flow shall be included as			SELECT	SELECT	SELECT									j
		pass reporting table													
Date	Duration (hours)	Location	Resultant emissions	s Reason for bypass	Corrective action*	Was a report submitted to the	When was this report submitted?	Ī							
				,,,		EPA? SELECT		-							
								Ī							
Didaga and A															

Bund/Pipeline test	ting template				Lic No:	W0152-03		Year	201	4				I
Bund testing	1	dropdown menu cli	ck to see options				Additional information							
Are you required by you	- ur licence to undertake in	ntegrity testing on bunds and con	tainment structures ? if yes	please fill out table B1 belo	w listing all new bunds									
and containment struct	tures on site, in addition	to all bunds which failed the inte	grity test-all bunding struct	res which failed including r										
listed in the table below	w, please include all bund	ds outside the licenced testing pe	eriod (mobile bunds and che	mstore included)		No								
2 Please provide integrity	testing frequency period	d				3 years		┪						
		erground pipelines (including sto	rmwater and foul), Tanks. su	mps and containers? (conta	iners refers to	- 1								
3 "Chemstore" type units		- ,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			No								
4 How many bunds are or	n site?					0								
		hin the required test schedule?				0		_						
6 How many mobile bund						1		_						
7 Are the mobile bunds in						Yes		4						
8 How many of these mole 9 How many sumps on sit		ted within the required test sche	equier			1	1	-						
9 How many sumps on sit .0 How many of these sum						0	+	Ⅎ						
	tegrity failures in table B					U	1	_						
1 Do all sumps and chamb						N/A								
		in a maintenance and testing pr	ogramme?			N/A								
		ur integrity test programme?	-			N/A								
				٦										
Table	e B1: Summary details of	bund /containment structure int	egrity test											
														Results of
									Integrity reports					retest(if i
Bund/Containment	_	s 15 out 1							maintained on		Integrity test failure		Scheduled date	
structure ID	Type SELECT	Specify Other type	Product containment	Actual capacity	Capacity required*	Type of integrity test SELECT	Other test type	Test date	site? SELECT	Results of test SELECT	explanation <50 words	Corrective action taken SELECT	for retest	reporting
	SELECT					SELECT			SELECT	SELECT		SELECT		1
	ly with 25% or 110% containment ru	le as detailed in your licence	1	1	l	JEEC 1	Commentary	-1	JEELEI	SEELCI	1	JEEC 1	-	1
Has integrity testing bee	en carried out in accorda	nce with licence requirements as	nd are all structures tested											
5 in line with BS8007/EPA				bunding and storage guideli	nes	SELECT		_						
6 Are channels/transfer sy						SELECT		4						
/ Are channels/transfer s	systems compliant in bot	h integrity and available volume?	•			SELECT								
Pipeline/undergrou	und structure testing							_						
				. 2.6										
		ntegrity testing* on underground				SELECT								
1 all underground structu 2 Please provide integrity		which failed the integrity test a	na all which have not been t	estea withing the integrity	est period as specified	SELECT		$\dashv$						
		a ness testing for process and foul	ninelines (as required undo	vour licence)		SELECT	1	_						
p. 233c note megney to	means water tight		p.pres (as required unde	, and delice,										
Table E	B2: Summary details of pi	ipeline/underground structures i	ntegrity test		1							-		
				Type of secondary										
								Integrity test						
				containment							Results of retest(if in current			
			Does this structure have	containment		Integrity reports		failure explanation	n Corrective action	Scheduled date	vezaitz oi tetest(ii iii curient			
	Type system	Material of construction:	Secondary containment?		Type integrity testing	maintained on site?	Results of test		n Corrective action taken	for retest	reporting year)			
	Type system SELECT	Material of construction: SELECT		containment	Type integrity testing SELECT		Results of test SELECT	failure explanation						
			Secondary containment?			maintained on site?		failure explanation			reporting year)			
			Secondary containment?			maintained on site?		failure explanation			reporting year)			
			Secondary containment?			maintained on site?		failure explanation			reporting year)			
			Secondary containment?			maintained on site?		failure explanation			reporting year)			
			Secondary containment?			maintained on site?		failure explanation			reporting year)			
		SELECT	Secondary containment?	SELECT	SELECT	maintained on site?		failure explanation			reporting year)			
		SELECT	Secondary containment? SELECT	SELECT	SELECT	maintained on site?		failure explanation			reporting year)			

A vivo proving the foliar out proundwater monitoring as part of your licence suggestments?  3 A vivo proving the foliar out proundwater monitoring as part of your licence requirements?  3 A vivo proving the foliar out soil monitoring as part of your licence requirements?  3 A vivo proving the foliar out soil monitoring as part of your licence requirements?  5 A vivo proving the foliar out soil monitoring as part of your licence requirements?  5 A vivo proving the foliar out soil monitoring as part of your licence requirements?  5 A vivo proving the foliar out soil monitoring as part of your licence requirements?  5 A Vivo proving the foliar out soil monitoring as part of your licence requirements?  5 A Vivo proving the foliar out soil monitoring as part of your licence requirements?  5 A Vivo proving the foliar out soil foliar out the foliar proving the foliar proving the foliar out the foliar proving the foliar	roundw	ater/Soil m	onitoring te	mplate		Lic No:	W0152-03		Year	2014		
1 Are you required to carry out groundwater monitoring as part of your feemer requirements? 2 Are you required to carry out oil monitoring as part of your feemer states. 3 Devose starts groundwater for common the state of the								Comments				
Personal provide an interpretation of groundwater monitoring as part of your licence requirements?  3 Dry our editors groundwater for our on Step Piny pisoes specify on in comment 3 SELECT  De monitoring results show that groundwater premise  a session or monitoring results show that groundwater premise  a complete the Groundwater Workforming Guideline Template  A complete the Groundwater Workforming Guideline Template  Report (link in cell 6) and south instantion selected to generate whether workforming Guideline Template  Report (link in cell 6) and south instantion related to generate whether workforming Guideline Template  Report (link in cell 6) and south instantion treating a monitoring.  Is the contamination related to generate whether workform and south instantion related to generate whether workform to be 45.  It has been been contained to carry workform at the facility flower current and/or historic)  In these premises of the contamination involved to the selection of		Are you requir	ed to carry out	groundwater mo	onitoring as part o	your licence		Commence				
section Do monitoring results show that groundwater generic assessment criteria such as CPV for GPVs are exceeded or in three 4 an upward trend in results for a substance? If yes, please complete the Groundwater Monitoring cideline Template assessment criteria such as GPV for GPVs are exceeded or in three 4 an upward trend in results for a substance? If yes, please complete the Groundwater Monitoring cideline Template and GPVs for GPVs are exceeded or in three 4 an upward trend in results for a substance? If yes, please complete the Groundwater Monitoring cideline Template and GPVs for GPVs are exceeded or in three 4 an upward trend in results for a substance? If yes, please complete the GPVs for GPVs are exceeded or in three 4 and GPVs for GPVs for the GPVs for GPVs for GPVs for the GPVs for GPVs fo		equirements?										
Do monitoring results close that granded and control in the AEX  Do monitoring results close that granded are generic substanced criterials auch as CPV or Vivi we exceeded or is there 4 an upword tred in creatify for a shearded with present and control or the state of the control or and control or creatify or presented criterials and the control or and control or creatify or presented or creatify or creatification or creatification or creatify or		Are you requir	ed to carry out	soil monitoring a	s part of your lice	nce requirements?	SELECT					
a an upward treal such a GTVs or IGVs are exceeded or is there 4 an upward treal in exists for a substance? If yes, please excepted the Groundwater Monitoring Guideline Template export (line in cells and south regarders) through ADR as a monitoring.  5 Is the contamination related to posteriors at the facility (letther current and/or better).  5 Is the contamination related to posteriors at the facility (letther current and/or better).  5 Is the contamination related to posteriors at the facility (letther current and/or better).  5 Is the contamination related to posteriors at the facility (letther current and/or better).  7 Pease specify the proposed time frame for the remediation strategy.  8 Is there a literace condition to carry outly plante EURA for the size?  9 Has any type of risk assessment been carried out for the size?  9 Has any type of risk assessment been carried out for the size?  9 SELECT  11 Have potential receptors been identified on and off size?  9 SELECT  12 Is there evolution bits contamination is singuisting offsize?  8 SELECT  12 Is there evolution bits order who the contamination is imposting offsize?  8 SELECT  12 Is there evolute on the contamination is imposting offsize?  8 SELECT  12 Is there evolute on the contamination is imposting offsize?  8 SELECT  13 Have potential receptors been identified on and off size?  9 SELECT  14 Is the potential receptors been identified on and off size?  15 Is the evolution bits offsize of the size			groundwaterr	or use on site: ii	yes piease specify	use in comment	SELECT		merae			
a assessment criteria such as GTVs or 10% are exceeded or is there 4 a unpowned treat in results for a substance if yes, please complete the Groundwater Monitoring Guideline Template Report (link in cells) and substance in the cells and substance parties of the cells and substance parties and substance parties of the cells and substance parties and substance		n monitoring	results show th	nat groundwater	generic							
complete the Groundwater Monitoring Guideline Template Report (link in cell 68) and submit sparately through JADR as an setting illerence return AND answer questions 5-12 below.  Freshold in cell 68) and submit sparately through JADR as an setting illerence return AND answer questions 5-12 below.  Freshold in cell 68 and submit sparately through JADR as an setting illerence return AND answer questions 5-12 below.  Freshold in cell 68 and submit sparately from the setting in cell 68 below in the setting of the setting in cell 68 below in the setting of the setting in cell 68 below in the setting in						e						
Report (link in cell (6)) and submit separately through ALDER as a meetingeries.  [Icense return AND nawer questions 5-12 below. template.]  § Is the contamination related to operation at the facility (either current and/or historic)  6 Have actions been taken to address contamination issues-7if yes please summarise remediation strategies proposed, funderstate for the size of the proposed time frame for the mendiation strategy. SELECT  7 Please specify the proposed time frame for the mendiation strategy. SELECT  10 Has a Conceptual Size Model been developed for the size?  11 Have potential receptors been indentified on and off size?  12 Is there evidence that contamination is migrating offsite?  12 Is there evidence that contamination is migrating offsite?  12 Is there evidence that contamination is migrating offsite?  13 Is the evidence that contamination is migrating offsite?  14 Is a Conceptual Size Model been developed for the size?  15 Is a Conceptual Size Model been developed for the size?  16 Is the size of the size												
Electron AbD answer questions 5-12 below. Emplate.												
SELECT  Files expectations been taken to address contamination issues/iff yes please summarise remediation strategies proposed/undertaken for the site  SELECT  Files expective the proposed furnified from the remediation strategy  SELECT  SELECT  SELECT  SELECT  SELECT  11 Naw potential receptors been identified on and off site?  SELECT  12 is there exidence condition to carry out/publicate EUR6 for the site?  SELECT  13 Naw potential receptors been identified on and off site?  SELECT  14 Naw potential receptors been identified on and off site?  SELECT  15 SELECT  16 Semple  Sample  S							SELECT					
6 Have actions been taken to address contamination issues? If ye please summarise remediation strategies proposed, undertaken for the title and the first strategies proposed time frame for the remediation strategy.  7 Please specify the proposed time frame for the remediation strategy.  8 Is there all cinetic condition to cause many strategy.  9 Has any type of risk assessment been carried out for the site?  10 Has a Conceptual site Model been developed for the site?  11 Have potential receptors been identified on and off site?  12 Is there evidence that contamination is migrating offsite?  12 Is there evidence that contamination is migrating offsite?  13 Have potential receptors been identified on and off site?  14 Please enter interpretation of data here.  15 ELECT  16 Please enter interpretation of data here.  16 Please enter interpretation of data here.  18 Please enter interpretation of data here.  18 Please enter interpretation of data here.  18 Please enter interpretation of data here.  19 Please enter interpretation of data here.  10 Please enter interpretation of data here.  11 Please enter interpretation of data here.  12 Please enter interpretation of data here.  13 Please enter interpretation of data here.  14 Upward trend in pollutant control of the data of the properties of the prope	5	s the contami	nation related t	o operations at t	he facility (either	current and/or	CCI CCT					
remediation strategies proposed/understaken for the site 7 Please specify the proposed time frame for the remodation strategy 8 Is there allicence condition to carry out/update ELRA for the site? 9 Has any type of risk assemment interference from the maniference of the site? 10 Has a Conceptual Site Model been developed for the site? 11 Have potential receptors been developed for the site? 12 Is there evidence that contamination is migrating offsite? 12 Is there evidence that contamination is migrating offsite? 13 Is the evidence that contamination is migrating offsite? 14 Is the potential receptor been developed for the site? 15 Is there evidence that contamination is migrating offsite? 16 Is Upgradient Groundwater monitoring results  Sample location Parameter Methodology Inquirity Concentration + Concentration of the site of the sit			een taken to ac	ddress contamina	ation issues?If yes	please summarise	SELECT		1			
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able 2: Downgradient Groundwater monitoring results    Date of   Sample   Incation   Parameter   Methodology   Frequency   Concentration   Concentration   Unit   GTVs   SELECT   SELEC												
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SELECT		location		Market 1 1								
	ampling	reterence	Substance	Methodology	rrequency	Concentration	Concentration					
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									- 1			

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

	Environmental Liabilities template	Lic No:	W0152-03	Year	2014
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Click here to access EPA guidance on Environmental Liabilities and Financial <u>provision</u>

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

Environmental Management Programme/Continuous Improvement Programme to	mplate	Lic No:	W0152-03	Year
Highlighted cells contain dropdown menu click to view		Additional Information		
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			
Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance with				l
3 the licence requirements	Yes			l
Do you maintain an environmental documentation/communication system to inform the public on				l
4 environmental performance of the facility, as required by the licence	Yes			ı

Environmental Management Programme (EN		Ctatus (0/ samplets:1)	Have toward was progressed	Doon on sibility	Intermediate sutcome
Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
Waste reduction/Raw material usage efficiency	To complete a full refurb of baler	100	Baler Refurbished	Section Head	Installation of infrastructure
Reduction of emissions to Air	Insallation of mobile odour difuser	100	Installation of diffuser to mitigate against posible odour escaping while doors are opening/ closing	Section Head	Increased compliance with licence conditions
Reduction of emissions to Air	Installation of new carbon		New carbon installed to ensure odour abatement sytem running to its best efficency	Section Head	Increased compliance with licence conditions
Reduction of emissions to Water	Installation of new aco drains in front of doors		New drains to capture run off from processing building	Section Head	Reduced emissions
Additional improvements	Training to be carried out with key members of staff to increase environmental awarness on site. All training to be approved by the EPA and in compliance with licence requirements.		Candidates for training have been identified and training is scheduled for early 2015	Section Head	Improved Environmental Management Practices
Additional improvements	Environmental education of our customer base and increase awareness with regard to recovery.		Environmentals internet programe	Section Head	Improved Environmental Management Practices
Reduction of emissions to Water	Works program established to remediate any issues with concrete hardstand		Some parts of concrete have been repaired however some remains outstanding	Section Head	Reduced emissions
				SELECT	SELECT
				SELECT	SELECT

Noise monitoring summary report	Lic No:	W0152-03	Year 2014
			1
Was noise monitoring a licence requirement for the AER period?  If yes please fill in table N1 noise summary below		Yes	J
1	Noise		
2 Was noise monitoring carried out using the EPA Guidance note, including completion of the	Guidance	Yes	
"Checklist for noise measurement report" included in the guidance note as table 6?	note NG4		
3 Does your site have a noise reduction plan		SELECT	
4 When was the noise reduction plan last updated?		Enter date	
5 Have there been changes relevant to site noise emissions (e.g. plant or operational changes) since noise survey?	e the last	SELECT	

Table N1: Noise monitoring summary Is <u>site</u> compliant with noise limits Tonal or Impulsive noise was identified was 5dB penalty applied? sensitive location -NSL noise sources on site, & extraneous noise ex. Date of Moise location (on site) (day/evening/night)? (if applicable) LA<sub>90</sub> LA<sub>10</sub> road traffic) Road traffic noise is frequent to almost constant at 66-74dB. The facility is audible at 64dB, (with the fan system and trucks iding). Truck movements cosite are at 65dB. An artic went on site past the location at 84dB. Bin lorries coming into the yard are going by at 80dB. 60.6 71.9 18/12/2014 15:59-16:59 N1 68.8 No SELECT Select The wrapping plant is not in operation. The forbildt, fam operation. The forbildt, fam option and fotols: There is a 3-did to the result from reflection on the adjacent wall. The NT and wind node are constant in the constant in trucks reversing at up to 80 did. There was no formally (outside of reversing beeps) closely for the constant in the const 18/12/2014 14:57- 15:57 N2 65.9 63.5 71.9 No A forklift is working occasionally near the location at 80dB. The fan system is constant at 78dB. There was 18/12/2014 13:55- 14:55 N3 78.6 78 79.1 No Local road traffic almost constant at 69-7608. Reversing stucks one and Reversing stucks one and so did. When he road is quiet the facility is at 6608 with the fan opystem. The main noise source is the adjacent road. However, the facility is still in exceedance. Trucks going off size are at 8008 going past the location. 65.3 77 18/12/2014 15:31- 16:31 73.2 No The Origen facility is not auditor. A digger in the Ballour Beathy and is at florid and the second of the control of the control of the control of the control of the part of the control of the control of the second of the control of control 18/12/2014 14:11- 15:11 NSL1 61.2 55.4 62.5 No 18/12/2014 23.23- 23:53 N1 57.5 65.3 The wrapper is on all 76-81-08. The fans are continuous at 73-08. The wrapper and forkitt are operating to write on 87-08. The the specimen of constant at 61-10-208. On also truck measurement. The facility is constant at 61-62-08. On also truck movements are Gridl and occasional. The wrapper is consistent at 6668. A truck the monitoring location is, dirig at 74-08 and moved away at 80-08. 18/12/2014 23:25-23:55 N2 76.5 72.7 79.7 No 18/12/2014 00:00- 00:30 N3 78.9 78.1 79.2 No 68 63 74.8 18/12/2014 23:58-00:28 N4 No

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

Year

When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below

Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI industry Energy. Heaving Comparation in the SEAI programme linked to the right? If yes please list them in additional information

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

Additional information
Enter date of audit

SELECT

SELECT

information

Table R1 Energy usage on si	ite			
Energy Use	Previous year		compared to previous reporting	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)	684.48	1006.75	47	24
Total Energy Generated (MWHrs)				
Total Renewable Energy Generated (MWHrs)				
Electricity Consumption (MWHrs)				
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)	56.74	52.66	7.75	-21.42
Light Fuel Oil (m3)				
Natural gas (m3)				
Coal/Solid fuel (metric tonnes)				
Peat (metric tonnes)				
Renewable Biomass				
Renewable energy generated on site				

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

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

Table R2 Water usage on si	Table R2 Water usage on site					Water Consumption	
	Water extracted			Energy Consumption +/- % vs overall site	Volume Discharged back to	Volume used i.e not discharged to environment e.g. released as steam	
Water use	Previous year m3/yr.	Current year m3/yr.	year**	production*	environment(m <sup>3</sup> yr):	m3/yr	Unaccounted for Water:
Groundwater							
Surface water							
Public supply	1305	1263	-3.2	18	1263	0	0
Recycled water							
Total							

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

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

Table R3 Waste Stream Summary					
	Total	Landfill	Incineration	Recycled	Other
Hazardous (Tonnes)					
Non-Hazardous (Tonnes)					

Table R4: Energy Audit finding recommendations								
		Description of		Predicted energy				Status and
Date of audit	Recommendations	Measures proposed	Origin of measures	savings %	Implementation date	Responsibility	Completion date	comments
			SELECT					
			SELECT					
			SELECT					

Complaints and Incidents summary template Lic No: W0152-03 Year 2014

Table 1 Compli	aints summary						<del></del>
			Brief description of complaint (Free				
Date	Category	Other type (please specify)	txt <20 words)	Corrective action< 20 words	Resolution status	Resolution date	Further information
				Odour abatement system was			
				checked- no evidence to suggest any			
			Bad odour emenating from the	problems. Waste records were checked and no reason for odour			
01/01/2014	Odour		Robinhood Facility	found	Complete		
				Odour abatement system was			
				checked- no evidence to suggest any			
			Odour coming from the Oxigen	problems. Waste records were checked and no reason for odour			
02/012014	Odour		Robinhood facility	found	Complete		
				Odour assessment carried out upon			
				reciept of the complaint and no odour was detected. Waste records were			
			Rotten food like smell detected	examined- no evidence to suggest			
15/01/2014	Odour		around the Robinhood area	abnormal oads Staff at facility were informed- doors	Complete		
				were closed at the time of the complaint and only a medium sized			
				pile of waste on site. Odour			
			Very bad waste odours detected at	abatement system was checked - no evidence to suggest any problems.			
			near by premises believed to be	Odour neutraliser sprayed in the yard			
05/02/2014	Odour		arrising from the Robinhood facility.	area and facility washed down.	Complete		
				Acceptance of waste ceased, carbon			
11/02/2014	Odour		Passed the site twice and doors remained open.	was replaced, monitoring of system carried out.	Complete		
11/02/2014	Ododi		remained open.	curred out.	Complete		
11/02/2014	Odour		Passed the site twice and doors remained open.	No response requested.	Complete		
11/02/2014	Odoui		remained open.	no response requested.	complete		
				Due to adverse weather conditions a vessel due to carry the produced RDF			
				was delayed. Records for the ate in			
16/02/2014	Odour		Doors remained open and a strong waste odours were detected.	question were examined and evidence was found to suggest odour	Complete		
			Doors remained open and a strong	Acceptance of waste ceased, carbon was replaced, monitoring of system			
17/02/2014	Odour		waste odours were detected.	carried out.	Complete		
			Appears to be large amount of waste	Acceptance of waste ceased, carbon was replaced, monitoring of system			
10/03/2014	Odour		on site. Flies also an issue.	carried out.	Complete		
			Very hard weeks address date to the	A			
			Very bad waste odours detected at neihbouring premises believed to be	Acceptance of waste ceased, carbon was replaced, monitoring of system			
10/03/2014	Odour		arrising from the Robinhood facility.	carried out.	Complete		
				Acceptance of waste ceased, carbon			
			Bad waste odours emenating from	was replaced, monitoring of system			
10/03/2014	Odour		facility	carried out.	Complete		

Complaints and Incidents summary to	emplate			Lic No:	W0152-03	Year	2014
11/03/2014	Odour	Strong odour detectable along with files	Acceptance of waste ceased, carbon was replaced, monitoring of system carried out.	Complete			
			Acceptance of waste ceased, carbon was replaced, monitoring of system				
11/03/2014		Bad bin like smell detected	carried out.  Small breakdown in RDF Production however should not have given rise to any odours. Odour neutraliser	Complete			
29/04/2014		Strong odour detected  Foul odour detected coming from the		Complete			
30/04/2014		Robinhood facility  Strong odours detected believed to be	time.  Odour assessment carried out and a faint intermitant odour was detected. Filters in the abatement system were changed and odour abatement system needed to be powered off during this	Complete			
30/04/2014 19/05/2014		emenating from the facility  Vile odour coming from Oxigen premises	Only 80tonnes of material awaiting processing - material to be processed and moved to drogheda port.	Complete			
30/06/2014		Door open with a disgusting rotten smell coming from the facility	Issue with the operation of the door - problem was rectified	Complete			
27/06/2014	Odour	Odour coming from the Oxigen Robinhood facility	Odour assessments for the day in question were checked alongwith waste intake records- nothing abnormal present	Complete			
30/06/2014	Odour	Bad odour emenating from the Robinhood Facility	Odour assessment carried out faint odour detected at the Red Cow hotel. Small issue with a roller door	Complete			
02/07/2014	Odour	Rotten black bin smell coming from Oxigen facility	Odour assessment carried out, complaint may be due to	Complete			
30/06/2014	Odour	Foul smell in the air	Faint odour detected at the Red Cow Lane.	Complete			
07/07/2014	Odour	Bad odour emenating from the Robinhood Facility	Faint odour detected at the Red Cow Lane.  No unusual loads of waste accepted.	Complete			
21/07/2014	Odour	Strong household waste odour	No odours detected down wind of the	Complete			

Complaints and Incidents summary te	mplate				Lic No:	W0152-03	Year 2014
				Complaint was upwind of the facility-			
				odour could not be attributed to on			
07/07/2014	Odour		Extremely bad odour	site activities	Complete		
				No odour assessment was carried out			
				on the day in question however wind			
				records for the day in question show			
40/07/2044				that the complainant location was			
19/07/2014	Odour		Disgusting Odour	upwind of the facility.	Complete		
				No unusual loads of waste accepted.			
22/07/2014	04		Strong Odour	No odours detected down wind of the facility.	Complete		
22/07/2014	Odbur		Strong Odour	lacility.	Complete		
				L			
			Complanant could not go for a walk	No unusual loads of waste accepted. No odours detected down wind of the			
23/07/2014	04			facility.	C		
23/07/2014	Ododi		due to the smell	racincy.	Complete		
1		1					
				No unusual loads of waste accepted. No odours detected down wind of the			
24/07/2014	Odour		Strong Odours detected	No odours detected down wind of the facility.	Complete		
24/07/2014	Odbur		Strong Odours detected	lacility.	Complete		
				Records were examined and			
				submitted to the EPA. Door was			
				opened for 10-15 minutes to allow for			
24/07/2014	Oda		Van Badadau	powerwashing to take place which	Complete		
24/07/2014	Odour		Very Bad odour	may have allowed odours to escape.	Complete		1
				Odour assessment was carried out the			
				following morning. Odours were			
				detected at nearby business premises			
18/09/2014	04		Old waste sweet/ sickly type odour detected.	however these were deemed not to	Complete		
18/09/2014	Gddui		detected.	be emenating from the Oxigen Sites	Complete		
				Odour assessment carried out- no			
				odour was found down wind of the			
1		1		facility. Odour however was detected			
			Oldtat/ :: 11	at TJ O Mahony's shop however these odours could not be attributed to any			
19/09/2014	Odour		Old waste sweet/ sickly type odour detected.	Oxigen Site	Complete		
19/09/2014	Odda		detected.	Oxigen Site	Complete		
1		1					
				Env compliance officer spoke to the			
1		1	0#	agency inspector while standing outside the complainants site and no			
02/10/2014	Odour		Offensive odours detected at local business premises	outside the complainants site and no odour was detected.	Complete		
				was accepted.	Secret		į
reporting year		4					
1	1	1					
Total new complaints received during							
reporting year	32	4					
1	1	1					
Total complaints closed during							
reporting year	32						
		1					
nd of the state of the							
Balance of complaints end of	-	J					
reporting year	1	U U					

Incidents								
				Additional information				
Have any incidents occurred on site in the current reporting year	<ul> <li>riease iist aii incidents for current repo</li> </ul>	orting year in Table 2 below	162					
*For information on how to report and what constitutes an incident	What is an incident							

omplaints and Incidents summary templa									
	plate				Lic No:	W0152-03		Year	201
able 2 Incidents summary									
			Incident category*please refer to						
ate of occurrence Incid	ncident nature			Receptor	Cause of incident	Other cause(please specify)	Activity in progress at time of incident	Communication	Occurrence
08/05/2014 Brea		Licenced discharge point (TSW2)		Water	Operational controls				New
					SELECT				SELECT
SEL					SELECT		SELECT		SELECT
SEL	ELECT 5				SELECT				SELECT
SEL*	ELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT

% reduction/ increase

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

STE SUMMARY TION A-PRTR O	ON SITE WASTE TREATMENT AN	D WASTE TRANSFERS TAI	3- TO BE COMPLETE	D BY ALL IPPC AND I	VASTE FACILITIES	PRTR facility logo	а_	dropdown l	st click to see options		
ON B- WASTE	E ACCEPTED ONTO SITE-TO BE O	OMPLETED BY ALL IPPC	AND WASTE FACILIT	IES							
any wastes <u>accep</u>	ted onto your site for recovery or disportured through PRTR reporting)	sal or treatment prior to recove	ry or disposal within the b	oundaries of your facility	7; (waste generated within your		Additional Informati	1			
aries is to be cap dease enter detai	tured through PRTR reporting) ils in table 1 below					SELECT					
r site have any r	ejected consignments of waste in the cu	rrent reporting year? If yes plea	se give a brief explanatio	n in the additional inform	ation	SELECT					
Was was	ite accepted onto your site that was gen	erated outside the Republic of I	reland? If yes please state	the quantity in tonnes in		SELECT					
nced annual	of waste accepted onto your	site for recovery, disp Source of waste accepted	Description of waste	Quantity of waste	Quantity of waste accepted in	Reduction/	Reason for	Packaging Content (%)-	Disposal/Recovery or	Quantity of	Comments -
e limit for your ite (total nes/annum)	European Waste Catalogue EWC codes		accepted Please enter an accurate and detailed description - which applies to relevant EWC code European Waste Catalogue EWC codes	accepted in current reporting year (tonnes)	previous reporting year (tonnes)	Increase over previous year +/	reduction/ increase from previous reporting year	only applies if the waste has a packaging component	treatment operation carried out at your site and the description of this operation	waste remaining on site at the end of reporting year (tonnes)	
		20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY							D13- Blending or mining prior		
160,000	20 03 07	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND	CBI	3,075	147.36	19869			D13- Blending or mining prior to submission to any of the operations numbered D1 to D12		
		INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY							D13- Blending or mining prior to submission to any of the operations numbered D1 to		
160,000	20 03 03	COLLECTED FRACTIONS  20 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES)	GULLY WASTE	616	6	1009			D13- Blending or mining prior to submission to any of the operations numbered D1 to		
160,000	20 03 01	INCLUDING SEPARATELY	MSW	61,201	57,048.98	79		54%	operations numbered D1 to D24	20	
160,000	20 03 03	20: MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	STREET SWEEPINGS	3,212	d	1009			D13- Blending or mixing prior to submission to any of the operations numbered D1 to D15		
	COMPLETED BY ALL WASTE FAC				acilities etc) EXCEPT LANDFILL ture required onsite	. SITES				]	
waste processing i	nfrastructure as required by your licence as	e and approved by the Agency is	n place? If no please list w	vaste processing infrastru	tture required onsite equired on site	SELECT SELECT				]	
aste processing i	infrastructure as required by your licence as structure as required by your licence as sectional training contents in place 2	e and approved by the Agency in	n place? If no please list w	vaste processing infrastru	tture required onsite equired on site	SELECT					
te processing in the storage infra r facility have a ave an odour r ave an odour r aintain a sludj	infrastructure as required by your liceno actructure as required by your licence ar relevant nuisance controls in place? management system in place for your fa per register on sites.	e and approved by the Agency in	n place? If no please list w	vaste processing infrastru	tture required onsite equired on site	SELECT SELECT					
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weste processing in the processing of the processing in the proces	infrastructure as required by your license as autorities as required by your license as autorities are required by your license as the property of the property of the property of management system in piles for your far and property of the property of and formage landfill only and formation-Landfill only Date baddling commented to the property of the property of the property of which is a second of the property of the property of Asset with temperary on SELECTENT Landfill only to watch to property your andfill only to watch to property your second of the property of Asset with temperary on SELECTENT Landfill only to watch to property your second of the property of the seaded of a Watch Watch Treatment andfill only to watch to proper you second of the property of the seaded of a Watch Watch Treatment second of the property of Landfill only to sead of the property of second of the property of the seaded of a Watch Watch Treatment second of the property of second of	and approved by the Agency is got approved by the Agency in got ap	a place? If no phase list with a phase list water a phase list water and a phase list water a phase list wat	Comments  Chamerats  Chamerats  Private or Politic Operated  Area with waris that Journal Andreas  Area with waris that Journal Andreas  Area with waris that Journal Andreas  Learnhair (Chinele)	turn required contex proposed on site  Bort or one-borselme  Water exclusion last values approximate to the large of site to proposed on the large of site to the large of site t	BACT  BACT  BACT  Parkinded for a control tooling a control toolin	Has the statement under SS3(A)(5) of WMM been cohefited in	In them a separate code for substant?	Accepted substitute to reporting	area occupied by waste	area occupied by waste
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Guidance to completing the PRTR workbook

# **AER Returns Workbook**

#N/A

19/03/2015 17:51

Version 1.

#### 1. FACILITY IDENTIFICATION

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

### Classes of Activity

Classes of Alexand	
No	class_name
	Refer to PRTR class activities below

Address 1	Robinhood Industrial Estate
Address 2	Robinhood Road
Address 3	Ballymount
Address 4	Dublin 22
	Dublin
Country	
Coordinates of Location	
River Basin District	
NACE Code	
	Treatment and disposal of non-hazardous waste
AER Returns Contact Name	Maria Byrne/ Seamus McGourty
AER Returns Contact Email Address	
	Environmental Compliance Officer/ Environmental Administrator
AER Returns Contact Telephone Number	
AER Returns Contact Mobile Phone Number	
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	
Web Address	
Web Address	

### 2. PRTR CLASS ACTIVITIES

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

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

Is it applicable?	
Have you been granted an exemption?	
If applicable which activity class applies (as per	
Schedule 2 of the regulations) ?	
Is the reduction scheme compliance route being	
used?	

## 4. WASTE IMPORTED/ACCEPTED ONTO SITE

Guidance on waste imported/accepted onto site

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

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

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### SECTION A: SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO AIR						in this section in KG:			
	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/Y	ear F (Fugitive) KG/Year
Ì						0.0		0.0	0.0 0.0

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

#### SECTION B : REMAINING PRTR POLLUTANTS

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

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

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

RELEASES TO AIR				Please enter all quantities in this section in KG:							
	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		
1						0.0	1	0.0	0.0		

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

### Additional Data Requested from Landfill operators

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

Landfill: Oxigen Environmental (Robinhood

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

### SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

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

				Please enter all quantities	s in this section in K	.G:			
POLLUTANT					QUANTITY				
				Method Used					
No. Annex I	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (A	Accidental) KG/Year F	F (Fugitive) KG/Year
					0.	0	0.0	0.0	0.0

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

#### SECTION B : REMAINING PRTR POLLUTANTS

	RELEASES TO WATERS	Please enter all quantities in this section in KG:						
POLLUTANT					QUANTITY			
				Method Used				
No. Annex I	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0	0.00	0.0	0.0

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

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

		RELEASES TO WATERS				Please enter all quantities i	n this section in KG:			
		POLLUTANT				QUANTITY				
					Method Used					
	Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year	
3	03	BOD	M	ALT	APHA-5210-B	114.79	114.79	0.0	0.0	
3	06	COD	M	ALT	APHA-5220-D	353.08	353.08	0.0	0.0	
2	38	Ammonia (as N)	M	ALT	APHA-4500-NH3-D	1.95	1.95	0.0	0.0	
3	24	Mineral oils	M	ALT	GC-FID	0.0	0.0	0.0	0.0	
3	43	Sulphate	M	ALT	APHA-4110-B	48.11	48.11	0.0	0.0	
2	40	Suspended Solids	M	ALT	APHA-2540-B	8.11	8.11	0.0	0.0	

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

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#### SECTION A : PRTR POLLUTANTS

	FFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREAT	Please enter all quantities in this section in KG:						
	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	F (Fugitive) KG/Year
					0.0	)	0.0 0.0	0.0

<sup>\*</sup> 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

SESTION D. REMAINING	OLLOTAIT LIMOOIOTO (as required in your Licence										
	OFFSITE TRANSFER OF POLLUTANTS DESTINED	Please enter all quantities	in this section in KG:								
	POLLUTANT				METHOD	QUANTITY					
					Method Used						
Pollutant No.	Name	M/	C/E Met	thod Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year		
303	BOD	M	ALT	Γ	APHA-5210-B	0.0	0.0	0.0	0.0		
306	COD	M	ALT	Γ	APHA-5220-D	0.0	0.0	0.0	0.0		
240	Suspended Solids	M	ALT	Γ	APHA-2540-B	0.0	0.0	0.0	0.0		
343	Sulphate	M	ALT	Γ	APHA-4110-B	0.0	0.0	0.0	0.0		
314	Fats, Oils and Greases	M	ALT	Γ	APHA-5520-B	0.0	0.0	0.0	0.0		
324	Mineral oils	M	ALT	Γ	GC-FID	0.0	0.0	0.0	0.0		
308	Detergents (as MBAS)	M	ALT	Г	APHA-5540-C	0.0	0.0	0.0	0.0		
	* Soloct a row by double-clicking on the Pollutant Name (Column	R) then click the delete button									

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

### **SECTION A: PRTR POLLUTANTS**

	RELEA	ASES TO LAND	Please enter all quantities in this section in KGs						
	POLLUTANT		M	ETHOD			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		

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

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

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

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

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE #N/A 19/03/2016	3/2015 17:51
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				all quantities on this sheet in Tonnes					Haz Waste : Name and			
			Quantity (Tonnes per Year)				Method Used		Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste: Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recove Disposal Site (HAZARDOL WASTE ONLY)
ansfer Destination	European Waste Code	Hazardous		Description of Waste	Waste Treatment	M/C/E	Method Used	Location of Treatment				,
ansier Destination	Code	Tiazardoda		other wastes (including mixtures of	Operation	WITC/L	Wetriod Osed	Heatment	-	-		
				materials) from mechanical treatment of								
ithin the Country	10 12 12	No	2280.7	wastes other than those mentioned in 19 12 11 (Organic Fines)	R3	М	Weighed	Offeite in Ireland	Enrich Environmental Ltd,WMP2004/57	Larch Hill Stud, Kilcock, Co. Meath, ,, Ireland		
ann are Country	10 12 12	140	3203.7	other wastes (including mixtures of	11.5	IWI .	Weighed	Olisite III II elalid	200407	modul,,,nodulo		
				materials) from mechanical treatment of					Darbid Waste Manager			
thin the Country	19 12 12	No	1253.18	wastes other than those mentioned in 19 12 11 (MSW Processed)	D1	M	Weighed	Offsite in Ireland	Drehid Waste Management Facility,W0203-03	Carbury,,Co.Kildare,Ireland		
				other wastes (including mixtures of								
				materials) from mechanical treatment of wastes other than those mentioned in 19 12					Ballynagran Landfill,W0165-	Rallynagran Co		
hin the Country	19 12 12	No	1511.22		D1	M	Weighed	Offsite in Ireland		Wicklow,,,,,Ireland		
				other wastes (including mixtures of								
				materials) from mechanical treatment of wastes other than those mentioned in 19 12					Knockharley Landfill,W0146-			
hin the Country	19 12 12	No	108.86	11 (MSW Processed)	D1	M	Weighed	Offsite in Ireland		Navan,Co. Meath,,Ireland		
				other wastes (including mixtures of materials) from mechanical treatment of								
				wastes other than those mentioned in 19 12						Carranstown, Duleek, Co.		
hin the Country	19 12 12	No	274.44		R1	M	Weighed	Offsite in Ireland	Indaver,W0167-02	Meath,.,ireland		
				other wastes (including mixtures of materials) from mechanical treatment of						Crag Avenue, Clondalkin Industrial		
				wastes other than those mentioned in 19 12						Estate, Clondalkin, Co.		
hin the Country	19 12 12	No	979.18	11 (MSW Processed)	R3	M	Weighed	Offsite in Ireland	Greyhound Waste,205-01	Dublin,Ireland		
				other wastes (including mixtures of materials) from mechanical treatment of					South Dublin County Council	Rallymount		
				wastes other than those mentioned in 19 12					(Ballymount Baling	Road,Walkinstown,Dublin		
nin the Country	19 12 12	No	626.3	11 (MSW Processed)	R3	M	Weighed	Offsite in Ireland	Station),W0003-03	12,.,Ireland		
hin the Country	20 03 01	No	78.46	mixed municipal waste	D5	м	Weighed	Offsite in Ireland		Ballynagran ,Co. Wicklow,,,,,Ireland		
										Crag Avenue, Clondalkin		
										Industrial Estate,Clondalkin,Co.		
hin the Country	20 03 01	No	449.18	mixed municipal waste	D13	M	Weighed	Offsite in Ireland	Greyhound Waste,205-01	Dublin,Ireland		
									South Dublin County Council			
hin the Country	20 03 01	No	76.72	mixed municipal waste	D13	M	Weighed	Offsite in Ireland	(Ballymount Baling Station),W0003-03	Road,Walkinstown,Dublin 12,.,Ireland		
				other wastes (including mixtures of					,,			
				materials) from mechanical treatment of wastes other than those mentioned in 19 12					Cavan Waste Disposal	Killygarry Industrial Estate, Killygarry, Cavan,., Irela		
hin the Country	19 12 12	No	43.72	11 (MSW Processed)	R13	M	Weighed	Offsite in Ireland	(Oxigen Cavan),W0207-01	nd		
				other wastes (including mixtures of								
				materials) from mechanical treatment of wastes other than those mentioned in 19 12					OD Recycling,WFP-TS-10-	Balllyboe,Kilsheelan,Clonmel		
hin the Country	19 12 12	No	28.54	11 (Organic Fines)	R3	M	Weighed	Offsite in Ireland		Co. Tipparary, Ireland		
				other wastes (including mixtures of materials) from mechanical treatment of								
				wastes other than those mentioned in 19 12					Drehid Waste Management			
hin the Country	19 12 12	No	2488.06	11 (Organic Fines)	D1	M	Weighed	Offsite in Ireland	Facility,W0203-03	Carbury,,Co.Kildare,Ireland		
				other wastes (including mixtures of materials) from mechanical treatment of								
				wastes other than those mentioned in 19 12					Ballynagran Landfill,W0165-	Ballynagran ,Co.		
nin the Country	19 12 12	No	69.82		D1	M	Weighed	Offsite in Ireland	01	Wicklow,.,,,Ireland		
				other wastes (including mixtures of materials) from mechanical treatment of								
				wastes other than those mentioned in 19 12						Heuvel 7,NL-5664,HK		
Other Countries	19 12 12	No	31197.0		D10	M	Weighed	Abroad	Cellmark Inc,.	Geldrop,.,Netherlands		
				other wastes (including mixtures of materials) from mechanical treatment of								
				wastes other than those mentioned in 19 12						Kungsgatan 50,SE-111		
Other Countries	19 12 12	No	22395.42		D10	М	Weighed	Abroad	EFO. AB,.	35,Stockholm,.,Sweden		
				other wastes (including mixtures of materials) from mechanical treatment of								
				wastes other than those mentioned in 19 12						Theodor-Heuss-Allee		
Other Countries	19 12 12	No	3313.0	the Description of Waste then click the delete button	D10	M	Weighed	Abroad	SWB AG,.	20,28215 Bremen,,Sweden		

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