Oxigen Environmental

Annual Environmental Report 2015
W0144-01

Waste Transfer Station at
Coes Road
Dundalk
Co Louth

Prepared By Oxigen Environmental

March 2016

Contents

1.0 Introduction

Oxigen Environmental holds a waste licence (Reg No W0144-01) to operate a waste facility in Dundalk Co. Louth. In accordance with the requirements of Condition 11.5 of the Waste Licence, an Annual Environmental Report (AER) for the facility must be submitted to the Environmental Protection Agency (EPA).

This AER covers the reporting period from the 1st January 2015 to the31st December 2015.

The facility is located at: - Coes Road
Dundalk
Co. Louth

The Waste Transfer Station and Recycling Facility are located within an area zoned for industrial development. The facility is surrounded in the industrial estate by various warehouses and industrial buildings. The Coes Road runs adjacent to the eastern site boundary. The total area of the site is approximately 7,900m².

Waste handling activities at the site consist of accepting and bulk loading of commercial, industrial and municipal waste for transfer to other recycling depots or other disposal outlets. In addition, where possible, recyclable waste (cardboard, glass, metal, timber, plastic) is recovered from the waste streams and sent for further recycling.

The licensed waste activities, permitted under the Third and Fourth Schedule of the Waste Management Act (1996), in the Waste Licence (W0144-01) are as detailed below:

Third Schedule, Class 13: Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned is produced.

Fourth Schedule, Class 2: Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).

Fourth Schedule, Class 3: Recycling or reclamation of metals and metal compounds.

Fourth Schedule, Class 4: Recycling or reclamation of other inorganic materials.

Fourth Schedule, Class 13: Storage of waste intended for submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced.

The Coes Road Facility is licenced to accept the following waste:

- Household- 35,000 Tonnes
- Commercial – 5,000 Tonnes
- Industrial, Non- Hazardous- 30,000 tonnes
- Construction & Demolition- 20,000 Tonnes

During the reporting period the site was predominantly used as a transfer station for material before they were moved onto the final destination. All destinations employed by Oxigen Environmental were approved for use by the Environmental Protection Agency (EPA).

2.0 Waste Received & Consigned at the facility

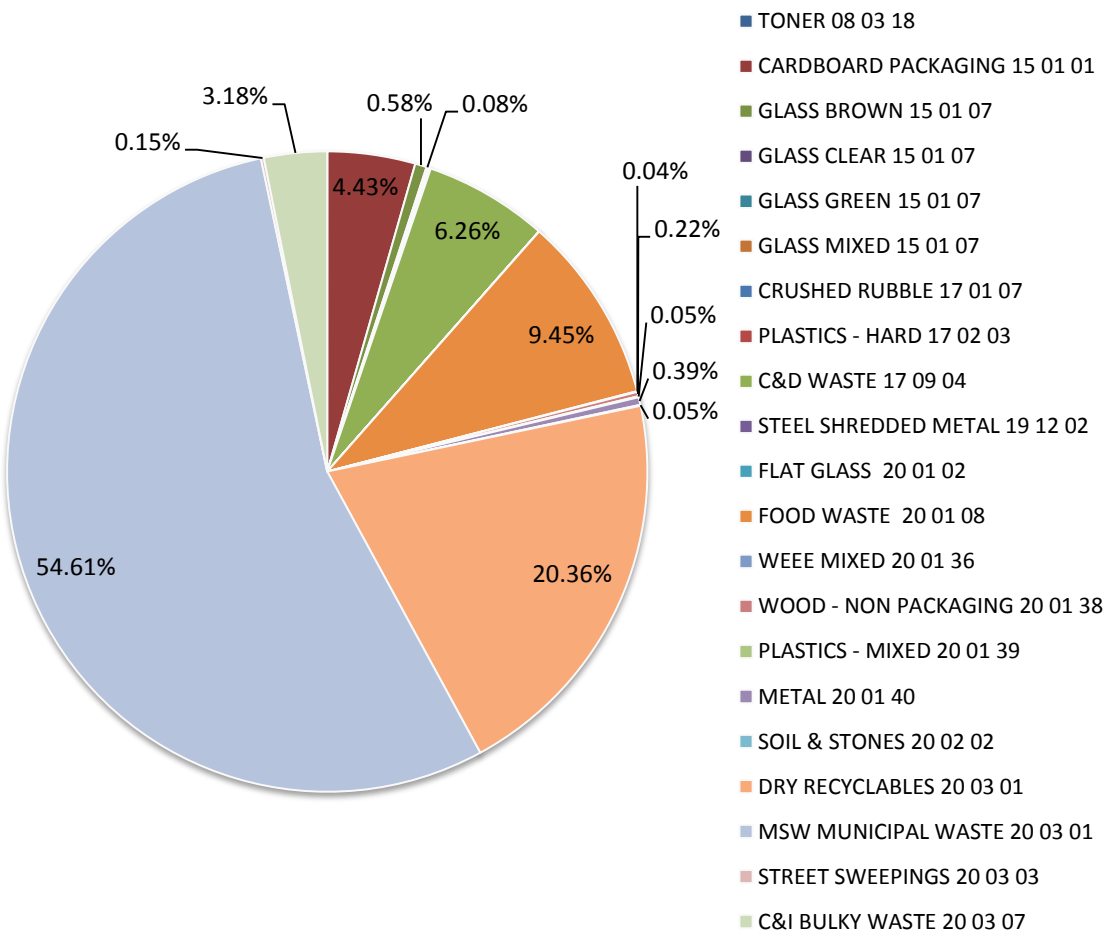
2.1 Waste Received at the Facility

Throughout 2015 a total of 35,891.02 tonnes of material was accepted at the Oxigen Coes Road Facility.

Figure 1: Waste Accepted

Waste Type	EWC	Tonnes
TONER	08 03 18	2.12
CARDBOARD PACKAGING	15 01 01	1,589.94
GLASS BROWN	15 01 07	208.44
GLASS CLEAR	15 01 07	27.48
GLASS GREEN	15 01 07	9.04
GLASS MIXED	15 01 07	16.5
CRUSHED RUBBLE	17 01 07	6.04
PLASTICS - HARD	17 02 03	21.5
C&D WASTE	17 09 04	2,247.51
STEEL SHREDDED METAL	19 12 02	0.62
FLAT GLASS	20 01 02	3.1
FOOD WASTE	20 01 08	3,390.82
WEEE MIXED	20 01 36	13.18
WOOD - NON PACKAGING	20 01 38	80.26
PLASTICS - MIXED	20 01 39	19.26
METAL	20 01 40	138.4
SOIL & STONES	20 02 02	17.58
DRY RECYCLABLES	20 03 01	7,306.61
MSW MUNICIPAL WASTE	20 03 01	19,598.71
STREET SWEEPINGS	20 03 03	52.3
C&I BULKY WASTE	20 03 07	1,141.61
Total		**35,891.02**

Figure 2: Waste Accepted by Percentage



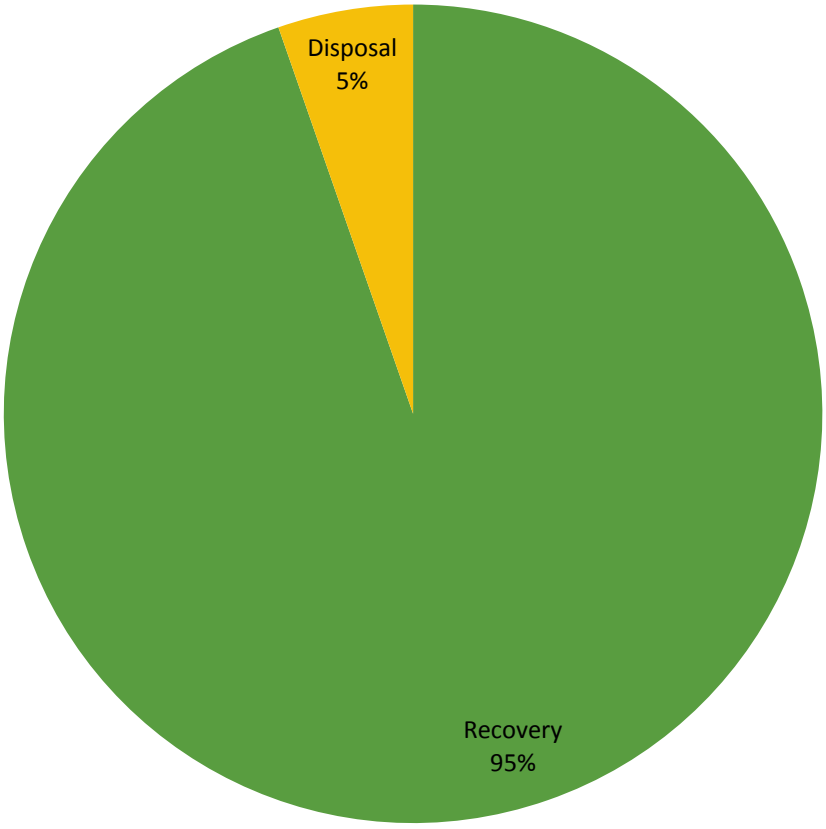
2.2 Waste Removed

Figure 3: Waste Removed

Waste Type	Destination	EWC	Total (Tonnes)
CARDBOARD PACKAGING	**GREENSTAR- MILLENIUM PARK**	15 01 01	23.6
	THORTONS RECYCLING LIMITED	15 01 01	646.64
	IRISH PACKAGING RECYCLING	15 01 01	435.23
	REGEN WASTE	15 01 01	534.63
C&D FINES	**DREHID LANDFILL**	19 12 12	70.14
	KNOCKHARLY LANDFILL	19 12 12	120.34
C&D WASTE	**CALLAN SAND & GRAVEL**	17 09 04	98.44
	OXIGEN BALLYMOUNT	17 09 04	17.82
	OXIGEN TULLAMORE	17 09 04	97.1

	THORTONS RECYCLING LIMITED	17 09 04	2321.83
C&I BULKY WASTE	**DREHID LANDFILL**	20 03 07	11.18
DMR	**PANDA WASTE**	20 03 01	2245.16
	REGEN WASTE	20 03 01	3064.28
	THORTONS RECYCLING LIMITED	20 03 01	1039.31
END OF LIFE TYRES	**CRUMB RUBBER**	16 01 03	3.16
FOOD WASTE	**GRANVILLE ECOPARK LIMITED**	20 01 08	2117.44
GLASS MIXED	**GLASSCO**	15 01 07	233.52
MSW MUNICIPAL WASTE	**DREHID LANDFILL**	20 03 01	316.02
	INDAVER IRELAND LTD	20 03 01	16974.33
	KNOCKHARLY LANDFILL	20 03 01	1016.49
	OXIGEN ROBINHOOD	20 03 01	2724.64
MSW PROCESSED	**DREHID LANDFILL**	19 12 12	450.9
PLASTIC FILM	**IRISH PACKAGIN RECYCLING**	20 03 01	1.74
PLASTICS - HARD	**POLYFAB PLASTICS**	17 02 03	13.5
PLASTICS - MIXED	**IRISH PACKAGIN RECYCLING**	20 01 39	33.69
SOIL & STONES	**DREHID LANDFILL**	20 02 02	167.16
	OXIGEN BALLYMOUNT	20 02 02	160.48
STEEL - COMMERCIAL	**MULTI METALS**	20 01 40	223.76
TONER	**DREHID LANDFILL**	08 03 18	112.8
	EMREC GMBH	08 03 18	44.18
	INDAVER IRELAND LTD	08 03 18	3.66
WOOD - NON PACKAGING	**OWEN DUFFY PALLETS**	20 01 38	220.24
	OXIGEN TULLAMORE	20 01 38	172.37
WOOD - PACKAGING	**OWEN DUFFY PALLETS**	15 01 03	13.66
Grand Total			**35729.44**

Figure 4: Recovery Rate



3.0 Environmental Monitoring

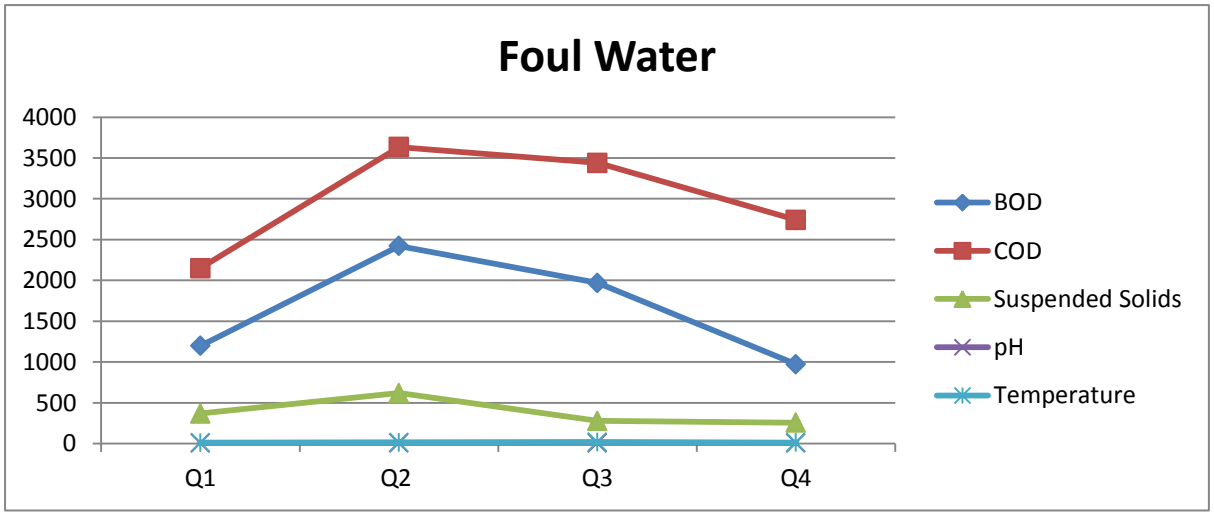
Environmental Monitoring is carried out in accordance with Schedule D of EPA licence W0144-01. All environmental monitoring is carried out by an approved sub contracted laboratory.

3.1 Foul water Emissions:

Foul water emissions are monitored on a quarterly basis. Results are as below:

Figure 5: Foul Water Results

Parameters	ELV's	Result
BOD	3000	1640
COD	4500	2992
Suspended Solids	3000	380
pH	6-9	6.64
Temp	30	14.1

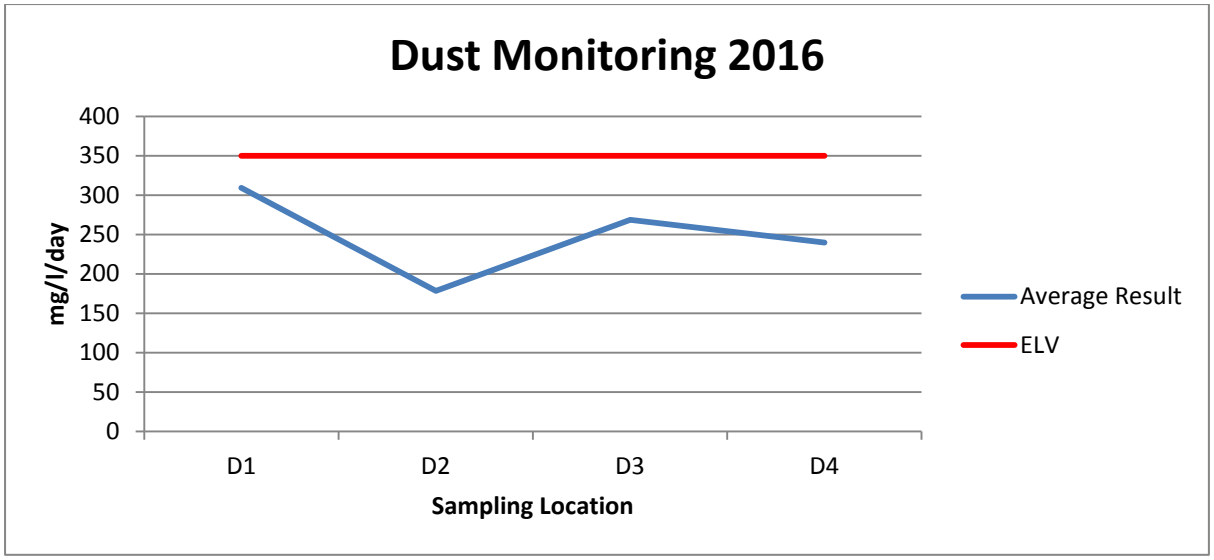


3.2 Dust Emissions

As per the conditions of W0144-01 dust is monitored three times throughout the year- twice during the period of May to September.

Figure 6: Dust Emission Results

Sampling Location	ELV	Result
D1	350	309.17
D2	350	178.3
D3	350	268.5
D4	350	239.77



All dust monitoring carried out during 2015 was compliant with the conditions of W0144-01.

4.0 Resource & Energy Consumption Summary

The main areas of energy & resource consumption can be divided into the following:

- Water Consumption
- Electricity Consumption
- On Site Diesel Consumption

4.1 Water Consumption

Water is not used in any of the waste processes on site. The main use of water on site is for staff welfare buildings and the use of the power washer for cleaning vehicles and washing down the waste transfer buildings & yard area. The total water usage for 2015 was 346m³

4.2 Electricity Consumption

In 2015 a total of 74 Mw Hrs was used on site.

4.3 Diesel Consumption

Gas Oil is the main form of diesel which is used on site for the rolling plant. Total Usage on site was 27,819 litres.

5.0 Development Site Works

The following works were completed on site during the 2015 period :

As part of the Infrastructure and Odour control works the following was completed on site to the agreement of the Agency and Louth County Council approval:

- The replacement of some of the existing roller shutter doors to the MWPB (Municipal Waste Processing Building) with solid concrete walls and metal cladding profiled cladding above to match existing cladding panels.
- The fitting of new steel roller shutter doors and new Fire escape pedestrian doors to MWPB.
- Construction of an additional extension to the existing lean-to of the MWPB to ensure all loading operations are carried out fully inside the MWPB.
- The blocking up of all openings and further sealing works to the MWPB followed by smoke test carried out to the MWPB to ensure the integrity of the building envelope is to a satisfactory standard.
- Brush seals fitted to all roller shutter doors to the MWPB to contain any possible emissions.

The reinstatement of C&D process line into the CWPB comprising of Trommel and picking line to the agreement of the Agency following the approval of S.E.W submission by the Licensee

Concrete repair works to various sections of yard which also include the full replacement of defective concrete yard area opposite Garage / Workshop to include additional SW drainage where necessary

The installation of additional fire alarm fittings on site to account for all works carried out to the MWPB and changes to site operations to include full service of Fire Alarm, Fire Extinguishers and replacement where necessary and Relocation of Fire hose reels on site to facilitate any changes to operations throughout site.

Replacement of all internal high bay lighting to the MWPB (Municipal Waste Processing Building) & CWPB (Commercial Waste Processing Building) with LED high bay lighting

6.0 Objectives & Targets

6.1 2015

Throughout 2015 the primary objective was to minimise the risk of odour nuisance through site improvement works.

Objective	Description	Aspect	Target	Person Responsible	Progress	Comment
1	To reduce emissions from site operations	Odour	In line with the infrastructure and odour control works agreed with the agency Replace existing unused doors with solid walls. Complete sealing works around the building, and carry out smoke test	Engineering team, Compliance team	100%	All doors replaced with solid walls, smoke test carried out, remaining sealing works at the doors completed early 2016
2	Staff awareness & Training	Training	Bespoke training carried out with a number of staff. Training was approved by the agency	Compliance officer	100%	Training carried out and completed in early 2015
3	To reduce the amount of energy been consumed on site	Energy	Install LED lighting to all areas of the site	Engineering team	70%	Internal LED lighting of MWPB & CWPB completed

6.2 2016

The following are the proposed Environmental Objectives & Targets for 2016

Objective	Description	Aspect	Target
1	To reduce air emission from the facility	Odour	Continue with site improvement works in order to reduce odour emissions from the site in line with the Infrustructure & control works agreed with the agency which is to include the installation of an odour abatement system to the MWPB
2	To increase recovery rate from facility	Natural Resources	To commence C&D processing to recover recyclable material
3	To increase environmental awareness/environmental education	Natural Resources	Bespoke training to be carried out with key members of staff to increase environmental awareness on site. All training to be approved by the EPA and in compliance with licence requirements

4	Staff awareness & Training	General Compliance	To carry refresher training with staff on site and to carry out training with new members of staff to make them aware of all site & licence requirements
5	To reduce the amount of energy been consumed on site	Energy	Complete installation of LED lighting externally to the MWPB &CWPB Shed and also to the workshop.
6	To reduce emissions to groundwater, surface water	Water	Complete integrity test on all mobile bunds
7	Site Improvement works	Site Improvement works	Install new steel roller shutter door on the workshop and repairing of damaged cladding panels on CWPB
8	ELRA & CRAMP	General Compliance	Complete and put in place ELRA & CRAMP for the facility

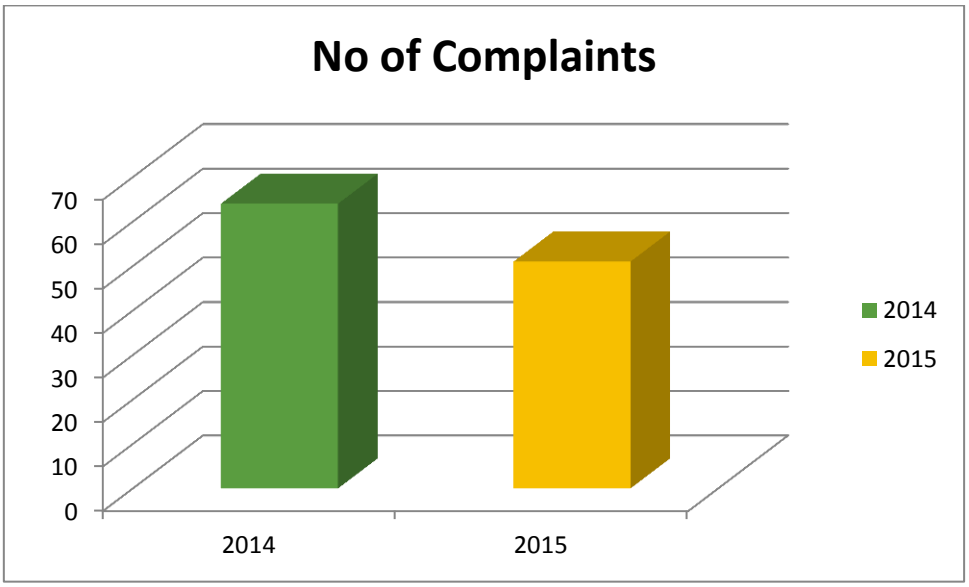
7.0 Incidents & Complaints

7.1 Reported Incidents

There were no reported incidents during the reporting year.

7.2 Complaints Summary

A total of 51 complaints were received during the reporting year. This is a reduction of 20% in the number of complaints received during the same period the previous year. The majority of the complaints received relate to odour.



8.0 Review of Nuisance Control

Oxigen Environmental employs strict control measures on all potential nuisances and is committed to working to reduce the risk of any potential environmental nuisance. The facility manager or his deputy carries out routine daily nuisance checks.

8.1 Odour

Odour remains one of the most significant environmental aspects on site. Odour assessments are conducted daily at the facility. A large emphasis has been placed on minimising odour related aspects. A full review off all upgrades can be found in the developments section of this report.

8.2 Fly Activity

There was increased fly activity noted at during 2015. At each occasion of increased fly activity, Oxigen Environmental immediately employed the services of their pest control contractor- Eastern Pest Control (EPC). It is standard practice for fly spraying to increase during periods of warmer weather in order to militate against a possible increase in fly activity. A copy of each fly spray is maintained on site at all times.

8.3 Rodents

EPC carried out a number of visits to the site throughout 2015 to monitor the level of pest nuisance on site. Each inspection report outlines the controls, level of activity and observations for each site inspection. Copies of each inspection are maintained on site at all times for inspection by the Agency.

8.4 Dust

Dust was not a major issue during 2015. Strict control measures are in place to minimise the nuisance caused by dust. Under the site cleaning schedule, the entire yard is power washed on a daily basis which acts to prevent possible dust emissions as well as clean the yard floor. In dry conditions additional spraying is carried as required.

8.5 Birds

Birds were not a major issue on site during the reporting period. All efforts are made to minimise food supply for them on site by ensuring facility doors remain closed and the yard area kept clean.

8.6 Nuisance Summary

In summary there are procedures in place to deal with any such nuisances in the facility. Routine site inspections are carried out by the facility manager or the compliance officer, which will highlight any nuisances on site, such as litter, pests, noise, birds, flies, odour or dust. Should any such nuisances be recorded, then appropriate measures are undertaken.

9.0 Tank & Bund Integrity Testing

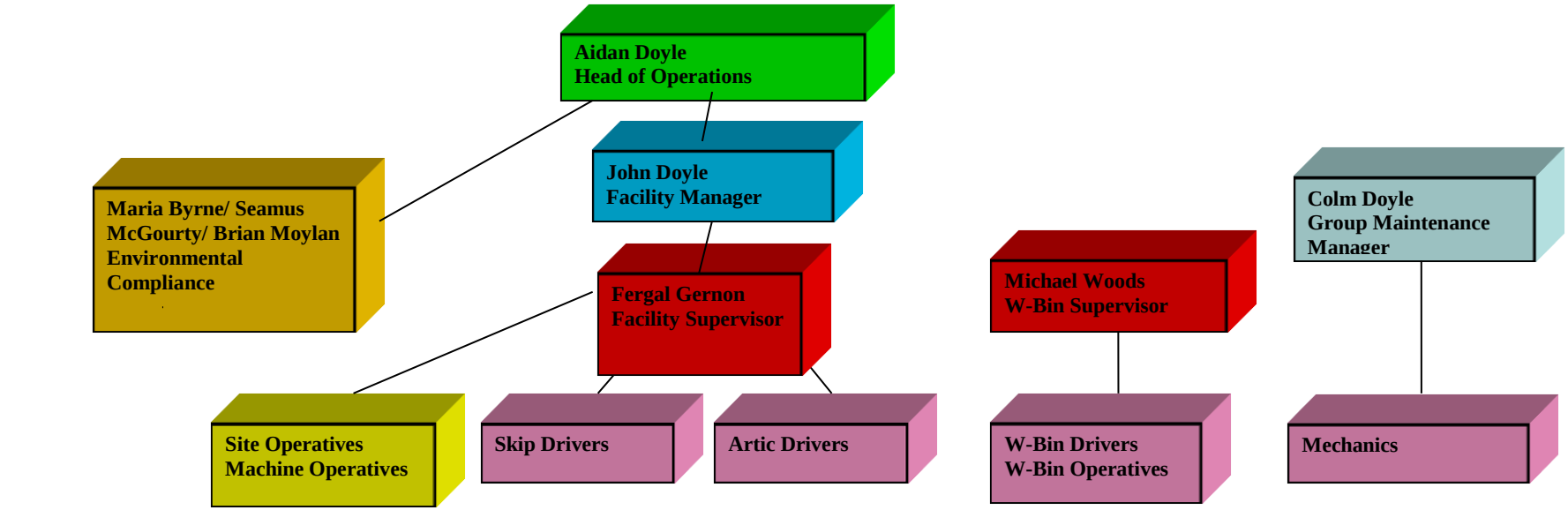
All mobile bunds are tested by the facility manager or his appointed deputy. Bund testing on these was conducted in June 2013 by the facility manager. These bunds required to be tested once every three years. These bunds are scheduled to be tested by June of this year. The diesel tank underwent an integrity test in March 2014. This will be completed again by March 2017. All bund testing is carried out in accordance with OXEP 21. Records of bund testing are maintained by the Environmental Compliance dept.

At the time of testing, all bunds were found to be compliant.

10.0 Financial Provisions

At present Oxigen Environmental have sufficient turnover and company assets to offset environmental liabilities in the event that they may be incurred during the course of the Facility Operations or in the event that the facility is closed. This will include the covering of costs associated with abatement installation, control & monitoring; closure & remediation of the site; clean-up following a plausible accident/incident and/or long-term aftercare for residual environmental liabilities. Oxigen Environmental has Pollution Cover of up to €13M. Oxigen Environmental has appointed a consultant to complete the Environmental Liabilities Risk Assessment & the Closure, Restoration & Aftercare Management Plan. This will be completed in 2016.

11.0 Management Structure



Responsibility to ensure that all Operations at the facility are carried out in line with EMS Procedures and the Environmental Policy.

To ensure that waste is segregated and stored appropriately and to implement procedures to keep the facility complaint at all times.

Responsible for Compliance with WCP and EPA Licence W0144-01 as well as Legislative and EMS Requirements & any other Compliance issues arising on a daily basis.

Responsibility to ensure that any oil/grease/diesel spills from their vehicle are cleaned up and any problems with vehicles are highlighted to manager immediately.

To ensure that waste is handled appropriately and to ensure that all windblown litter is picked immediately.

To Ensure that all drivers operate in accordance with the Waste Collection Permit, Facility Licence requirements and EMP Procedures within the Facility.

Guidance to completing the PRTR workbook

PRTR Returns Workbook

Version 1.1.19

REFERENCE YEAR	2015

1. FACILITY IDENTIFICATION

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

Classes of Activity

No.	**class_name**
-	Refer to PRTR class activities below

Address 1	Coes Road
Address 2	Dundalk
Address 3	
Address 4	
	Louth
Country	Ireland
Coordinates of Location	-6.38396 54.0015
River Basin District	GBNIIENB
NACE Code	3821
Main Economic Activity	Treatment and disposal of non-hazardous waste
AER Returns Contact Name	Maria Byrne/ Seamus McGourty
AER Returns Contact Email Address	mabyrne@oxigen.ie
AER Returns Contact Position	Environmental Compliance Officer
AER Returns Contact Telephone Number	014263118
AER Returns Contact Mobile Phone Number	
AER Returns Contact Fax Number	
Production Volume	0.0
Production Volume Units	
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	15
User Feedback/Comments	
Web Address	

2. PRTR CLASS ACTIVITIES

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

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

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

4. WASTE IMPORTED/ACCEPTED ONTO SITE Guidance on waste imported/accepted onto site

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

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

4.1 RELEASES TO AIR

Link to previous years emissions data

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO AIR					Please enter all quantities in this section in KGs			
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	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 AIR					Please enter all quantities in this section in KGs			
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	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

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

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

RELEASES TO AIR					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	Emission Point 2	Emission Point 3	Emission Point 4	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
210	Dust	M	ALT	VDI 4320 Part2	202.5	116.79	175.87	157.05	652.21	0.0	0.0

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

Additional Data Requested from Landfill operators

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

Landfill: Oxigen Environmental (Coes Road)

Please enter summary data on the quantities of methane flared and / or utilised	T (Total) kg/Year	M/C/E	Method Used: Method Code	Method Used: Designation or Description	Facility Total Capacity 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/s	0.0				0.0	(Total Utilising Capacity)
Net methane emission (as reported in Section A above)	0.0				N/A	

4.2 RELEASES TO WATERS Link to previous years emissions data | PRTR# : W0144 | Facility Name : Oxigen Environmental (Coes Road) | Filename : W0144 2015.xls | Return Year : 2015 | 25/03/2016 12:13

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

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

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

SECTION B : REMAINING PRTR POLLUTANTS

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

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

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

RELEASES TO WATERS					Please enter all quantities in this section in KGs			
POLLUTANT						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
					0.0	0.0	0.0	0.0

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

4.3 RELEASES TO WASTEWATER OR SEWER

Link to previous years emissions data

SECTION A : PRTR POLLUTANTS

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
			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

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

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

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
			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 - 5210 - B	567.44	567.44	0.0	0.0
306	COD	M	ALT	APHA - 5220 - D	1035.15	1035.15	0.0	0.0
240	Suspended Solids	M	ALT	APHA - 2540 - D	131.39	131.39	0.0	0.0

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

4.4 RELEASES TO LAND

Link to previous years emissions data

SECTION A : PRTR POLLUTANTS

RELEASES TO LAND					Please enter all quantities in this section in KGs		
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 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

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

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

Please enter all quantities on this sheet in Tonnes 0

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility 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 Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used					
Within the Country	08 03 18	No	112.8	waste printing toner other than those mentioned in 08 03 17	R1	M	Weighed	Offsite in Ireland	Indaver Ireland,W0167-02	Carranstown,.,Duleek,Co.Meath,Ireland		
Within the Country	15 01 01	No	534.63	paper and cardboard packaging	R3	M	Weighed	Offsite in Ireland	Re-Gen Waste.LN 22/25	Shepherds Drive,Carnabane Industrial Estate,Newry,Co.Down BT356JO,Ireland		
Within the Country	15 01 01	No	435.23	paper and cardboard packaging	R3	M	Weighed	Offsite in Ireland	Irish Packaging Recycling,W0263-01	Ballymount Road,Walkinstown,Dublin 12,.,Ireland		
Within the Country	15 01 07	No	233.52	glass packaging	R5	M	Weighed	Offsite in Ireland	Rehab Glassco,WFP-KE-09-0357-01	Unit 4 Osberstown Business Park ,Carragh Road,Nass,Kildare,Ireland		
Within the Country	17 02 03	No	13.5	plastic	R3	M	Weighed	Offsite in Ireland	Polyfab Plastics,WFP-CN-10-0004-01	IDA Estate,Cavan Road,Cootehill,Co. Cavan,Ireland		
Within the Country	17 09 04	No	17.82	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R5	M	Weighed	Offsite in Ireland	Oxigen Environmental Ltd,W0208-01	Merrywell Industrial Estate,Ballymount Road Lower,Clondalkin,Dublin,Ireland		
Within the Country	17 09 04	No	98.44	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R5	M	Weighed	Offsite in Ireland	Callen Sand & Gravel,WFP-KE-09-0355-01	Kilmeague,Nass,Co Kildare,.,Ireland		
Within the Country	17 09 04	No	2321.83	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R5	M	Weighed	Offsite in Ireland	Padraig Thornton Waste Dissosal Limited,W0044-02	Kileen Road,Ballyfermot,Dublin 10,.,Ireland		
Within the Country	20 01 38	No	220.24	wood other than that mentioned in 20 01 37	R12	M	Weighed	Offsite in Ireland	Owen Duffy, WCP/MH/2001/29B	Ardee Rd,Carrickmacross,Co Monaghan,.,Ireland		
Within the Country	20 01 38	No	172.37	wood other than that mentioned in 20 01 37	R13	M	Weighed	Offsite in Ireland	Oxigen Environmental ,WFP-10-OY-0183-02	Barnan,Daingean,Offaly,.,Ireland		
Within the Country	20 01 39	No	33.69	plastics	R3	M	Weighed	Offsite in Ireland	Irish Packaging Recycling,W0263-01	Ballymount Road,Walkinstown,Dublin 12,.,Ireland		
Within the Country	20 01 40	No	223.76	metals	R4	M	Weighed	Offsite in Ireland	Multimetals Recycling Ltd.,WFP-WW-10-0014-02	Conway Port Industrial Estate,Ballarney,The Murrough,Wicklow,Ireland		
Within the Country	20 02 02	No	167.16	soil and stones	D5	M	Weighed	Offsite in Ireland	Bord na Mona Drehid Waste Management Facility,W0203-03	.,Drehid,Carbury,Co.Kildare,Ireland		
Within the Country	20 03 01	No	3064.28	Dry Recyclables	R3	M	Weighed	Offsite in Ireland	Re-Gen Waste,LN 22/25	Shepherds Drive,Carnabane Industrial Estate,Newry,Co.Down BT356JO,Ireland		
Within the Country	20 03 01	No	316.02	mixed municipal waste	D5	M	Weighed	Offsite in Ireland	Bord na Mona Drehid Waste Management Facility,W0203-03	.,Drehid,Carbury,Co.Kildare,Ireland		
Within the Country	20 03 01	No	2724.64	mixed municipal waste	R12	M	Weighed	Offsite in Ireland	Oxigen Environmental Ltd,W0152-03	.,Robinhood Road,Clondalkin,Dublin 22,Ireland		
Within the Country	20 03 01	No	16974.33	mixed municipal waste	R1	M	Weighed	Offsite in Ireland	Indaver Ireland,W0167-02	Carranstown,.,Duleek,Co.Meath,Ireland		
Within the Country	20 03 01	No	2245.16	Dry Recyclables	R3	M	Weighed	Offsite in Ireland	Dublin City Council (Ballymount MRF),W0238-01	Merrywell Industrial Estate,Ballymount Road Lower,Ballymount,Dublin 22,Ireland		
Within the Country	15 01 01	No	646.64	paper and cardboard packaging	R3	M	Weighed	Offsite in Ireland	Padraig Thornton Waste Disposal Limited,WFP-DC-10-0021-01	Unit S3B Henry Road,Park West Business Park,Dublin 12,.IRELAND		
Within the Country	19 12 12	No	70.14	C&D Fines	R5	M	Weighed	Offsite in Ireland	Bord na Mona Drehid Waste Management Facility,W0203-03	.,Drehid,Carbury,Co.Kildare,Ireland		
Within the Country	19 12 12	No	120.34	C&D Fines	R5	M	Weighed	Offsite in Ireland	Knockharley Landfill Limited,W0146-02	Knockharley,Navan,Meath,.,Ireland		
Within the Country	17 09 04	No	97.1	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R5	M	Weighed	Offsite in Ireland	Oxigen Environmental ,WFP-10-OY-0183-03	Barnan,Daingean,Offaly,.,Ireland		
Within the Country	20 03 07	No	11.18	bulky waste	D5	M	Weighed	Offsite in Ireland	Bord na Mona Drehid Waste Management Facility,W0203-03	.,Drehid,Carbury,Co.Kildare,Ireland		
Within the Country	20 03 01	No	1039.31	Dry Recyclables	R3	M	Weighed	Offsite in Ireland	Padraig Thornton Waste Disposal Limited,WFP-DC-10-0021-01	Unit S3B Henry Road,Park West Business Park,Dublin 12,.,IRELAND		
Within the Country	16 01 03	No	3.16	end-of-life tyres	R5	M	Weighed	Offsite in Ireland	Crumb Rubber,WFP-LH-10-0005-01	Moorestown TD,Dromiskin,Dundalk,Louth,Ireland		
Within the Country	20 01 08	No	2117.44	biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	Granville Eco Park,P0413/12A Knockharley Landfill	Granville Industrial Estate,Dungannon,Tyrone,BT40 1HY,United Kingdom		
Within the Country	20 03 01	No	1016.49	mixed municipal waste	D5	M	Weighed	Offsite in Ireland	Knockharley Landfill Limited,W0146-02	Knockharley,Navan,Meath,.,Ireland		
Within the Country	19 12 12	No	450.9	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	D5	M	Weighed	Offsite in Ireland	Bord na Mona Drehid Waste Management Facility,W0203-03	.,Drehid,Carbury,Co.Kildare,Ireland		
Within the Country	15 01 02	No	1.74	plastic packaging	R3	M	Weighed	Offsite in Ireland	Irish Packaging Recycling,W0263-01	Ballymount Road,Walkinstown,Dublin 12,.,Ireland		
Within the Country	20 02 02	No	160.48	soil and stones	R5	M	Weighed	Offsite in Ireland	Oxigen Environmental Ltd,W0208-01	Merrywell Industrial Estate,Ballymount Road Lower,Clondalkin,Dublin,Ireland		
Within the Country	15 01 03	No	13.66	wooden packaging	R5	M	Weighed	Offsite in Ireland	Owen Duffy, WCP/MH/2001/29B	Ardee Rd,Carrickmacross,Co Monaghan,.,Ireland		
Within the Country	08 03 18	No	3.66	waste printing toner other than those mentioned in 08 03 17	R1	M	Weighed	Offsite in Ireland	Indaver Ireland,W0167-02	Carranstown,.,Duleek,Co.Meath,Ireland		
To Other Countries	08 03 18	No	44.18	waste printing toner other than those mentioned in 08 03 17	R1	M	Weighed	Abroad	ATM Moerdijk,.	Postbus 30,4780 AA,MOERDIJK,.,NETHERLANDS		
Within the Country	15 01 01	No	23.6	paper and cardboard packaging	R3	M	Weighed	Offsite in Ireland	Starrus Eco Holdings,W0183-01	Millennium Business Park,Grange,Ballycoolin,Dublin 11,Ireland		

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

Link to previous years waste data
Link to previous years waste summary data & percentage change
Link to Waste Guidance