

# Cavan Waste Disposal

Annual Environmental Report 2015

W0207-01

Waste Transfer Station at  
Killygarry Industrial Estate  
Killygarry  
Co Cavan

Prepared By Cavan Waste Disposal

March 2016

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## 1.0 Introduction

Cavan Waste Disposal t/a Oxigen Environmental, Killygarry Industrial Park, Cavan holds an EPA waste Licence (Reg No. W0207-01), issued on the 28<sup>th</sup> June 2005, to operate a Waste Transfer Station. In accordance with the requirements of condition 12.6 of the Waste Licence W207-01, an annual environmental report (AER) for the facility must be submitted to the Environmental protection agency (EPA).

This AER covers the reporting year from 1<sup>st</sup> January 2015- 31<sup>st</sup> December 2015.

The facility is located at :       Cavan Waste Disposal  
  Killygarry Industrial Park  
  Cavan

The facility is situated approximately 1km south east of Cavan Town and lies in the periphery of the Killygarry Industrial estate. site is bounded by the industrial estate to the east and south, with a wastewater treatment plant located to the north and agricultural pastoral lands to the west.

Waste handling activities at the site consist of accepting and bulk loading of Commercial & Industrial waste and C&D waste for transfer to other recycling depots. In addition, where possible, Recyclable Waste (cardboard, glass, plastic, timber and metal) 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 Acts (1996 to 2003), in the Waste Licence (W0207-01) are as detailed below:

*Third Schedule, Class 11.* Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this schedule.

*Third Schedule, Class 12.* Repackaging prior to submission to any activity referred to in a preceding paragraph of this schedule.

*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 or metal compounds.

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

*Fourth Schedule, Class 11.* Use of waste obtained from any activity referred to in a preceding paragraph of this schedule.

*Fourth Schedule, Class 12.* Exchange of waste for submission to any activity referred to in a preceding paragraph of this schedule.

*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.

No hazardous wastes or liquid wastes are accepted at the facility. Waste that enters the facility is mostly unprocessed. On arrival the waste is checked and load details recorded at the weighbridge. Waste is then inspected and segregated into either recyclable or non-recyclable waste, and the materials for recycling are transported to at another waste licensed facility. Non-Recyclable waste material is sent for disposal.

## 2.0 Environmental Monitoring

Environmental monitoring is carried out on site in accordance with Schedule D of the waste licence W0207-01. All environmental monitoring is sub contracted to an approved laboratory.

### 2.1 Wastewater Emissions

In accordance with Schedule D of the Waste Licence, wastewater emissions from the site are monitored twice annually.

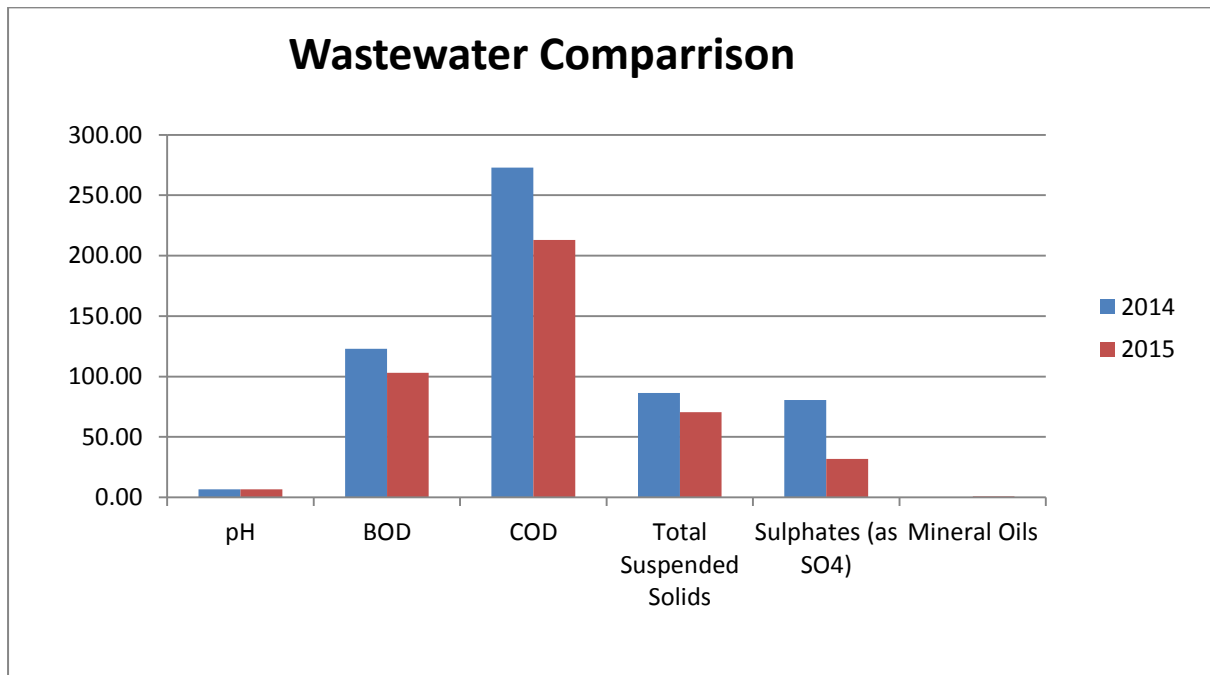
**Figure 1: Wastewater Analysis**

Parameter	Units	Sample 1	Sample 2
<b>pH</b>	pH Units	6.81	6.7
<b>BOD</b>	mg/l	78	128
<b>COD</b>	mg/l	129	297
<b>Total Suspended Solids</b>	mg/l	70	71
<b>Sulphates (as SO<sub>4</sub>)</b>	mg/l	48.8	14.7
<b>Mineral Oils</b>	mg/l	0.26	1.153

No Emission Limit Values (ELV's) are set out in Schedule C: Emissions for Wastewater Emissions.

When the results received for 2015 are compared to those received for 2014, it can be seen that there is a clear reduction in the results of a number of parameters. See graph below.

**Figure 2: Comparison of Wastewater emissions 2014 V's 2015**



## 2.2 Surface Water Results

Surface Water monitoring occurs quarterly throughout the year. Results detailed below:

**Figure 3: Surface Water SW1**

Parameters	Units	Q1	Q2	Q3	Q4
Temperature	*C	7.7	7	14.8	13.3
pH	pH units	7.71	7.23	7.19	7.46
Conductivity	uScm -1	260	386.4	326	154
COD	mg/l	10	41	73	65
Suspended Solids	mg/l	1	21	21	83
Ammonia (as N)	mg/l	0.12	0.05	<0.12	<0.12
Mineral Oils	mg/l	0.1	0.01	0.87	0.751
Chloride	mg/l	16.7	15.275	11	12.7
Sulphate	mg/l	11.3	26.967	31.2	16.6

**Figure 4: Surface Water SW2**

Parameters	Units	Q1	Q2	Q3	Q4
Temperature	*C	7.9	7.4	15.1	13.7
pH	pH units	7.3	7.35	7.24	7.45
Conductivity	uScm -1	255	374.2	382	192
COD	mg/l	13	53	33	37
Suspended Solids	mg/l	21	88.5	8.4	<10
Ammonia (as N)	mg/l	0.13	0.06	<0.12	<0.12
Mineral Oils	mg/l	0.1	0.1	0.021	<0.01
Chloride	mg/l	18.3	13.107	9.4	10.7
Sulphate	mg/l	11.8	16.85	26.9	9.2

**Figure 5: Surface Water SW3**

Parameters	Units	Q1	Q2	Q3	Q4
Temperature	*C	7.9	8.7	14.9	13.7
pH	pH units	7.22	7.46	7.1	7.42
Conductivity	uScm -1	274	573	603	147
COD	mg/l	26	38	60	33
Suspended Solids	mg/l	1	5.5	7	<10
Ammonia (as NH3)	mg/l	0.23	0.03	0.13	<0.12
Mineral Oils	mg/l	0.1	0.1	0.049	<0.01
Chloride	mg/l	25.2	17.209	19.3	14.6
Sulphate	mg/l	52.6	102.556	142	12

**Figure 6: Surface Water SW4**

Parameters	Units	Q1	Q2	Q3	Q4
Temperature	*C	7.1	8	14.7	13.9
pH	pH units	7.2	7.54	7.17	7.21
Conductivity	uScm -1	273	423.3	466	231
COD	mg/l	8	34	30	72
Suspended Solids	mg/l	1	2.3	<5	<10
Ammonia (as NH3)	mg/l	0.15	0.02	<0.12	<0.12
Mineral Oils	mg/l	0.1	0.1	<0.01	0.021
Chloride	mg/l	23.6	9.988	18.7	23.1
Sulphate	mg/l	33.1	9.676	60.6	50.7

According to schedule C of waste licence W0207-01, ELV's exist only for Mineral Oils. The ELV for Mineral Oils is 5mg/l. The results for all quarters were within the ELV set out in schedule C of the licence at all monitoring locations.

Figure 7: Surface Water Monitoring at SW1

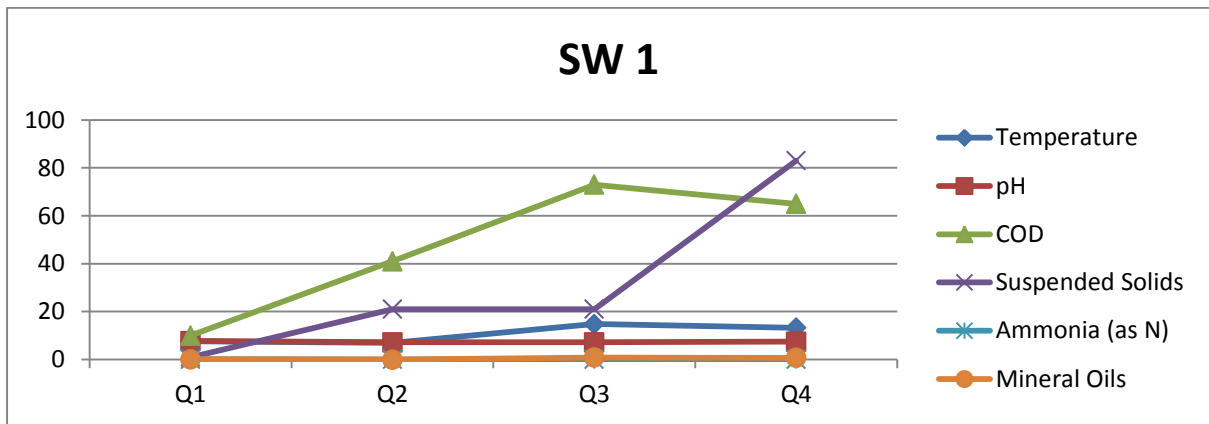


Figure 8: Surface Water Monitoring at SW2

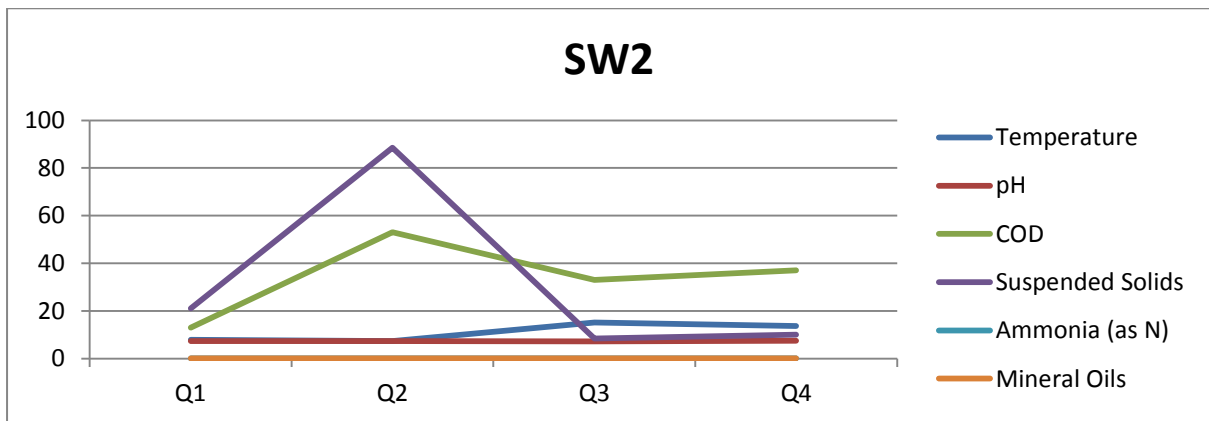
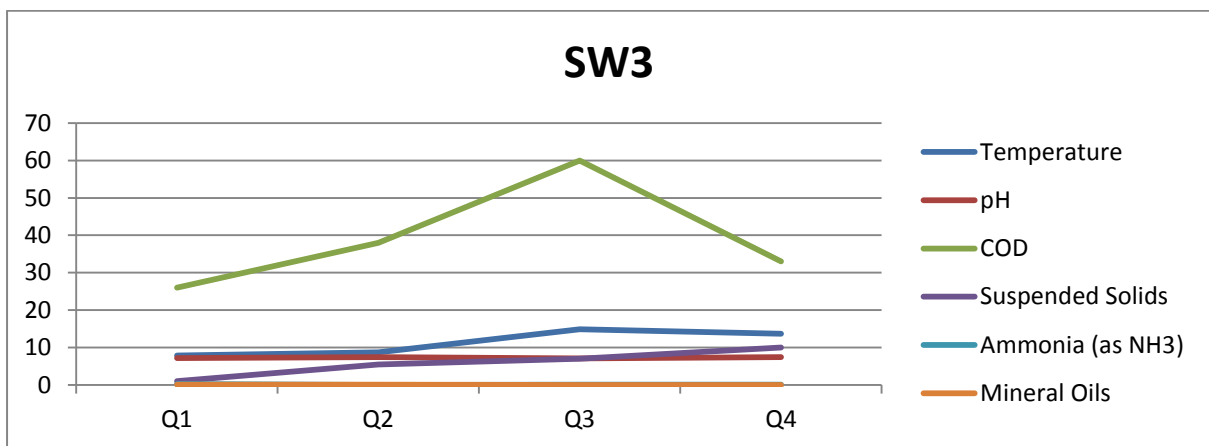
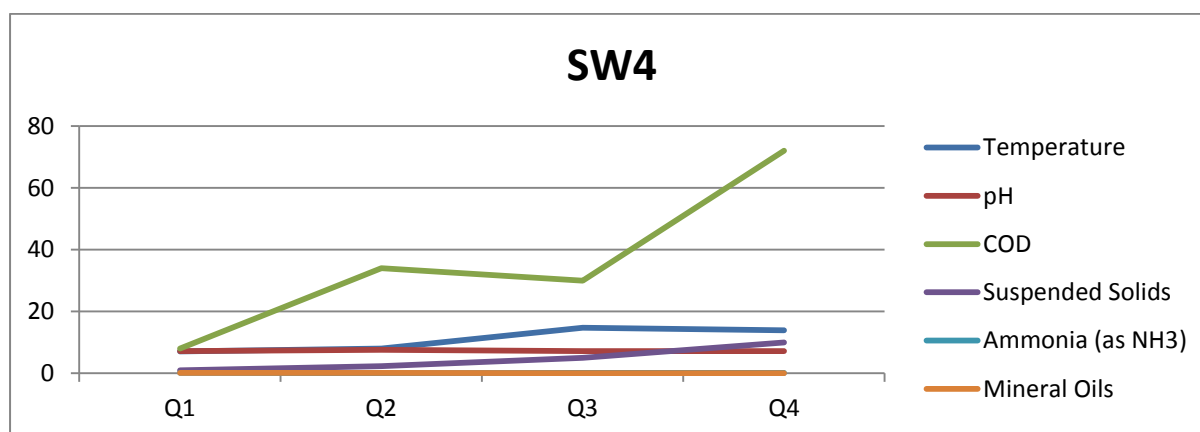


Figure 9: Surface Water Monitoring at SW3





**Figure 10: Surface Water Monitoring at SW4**

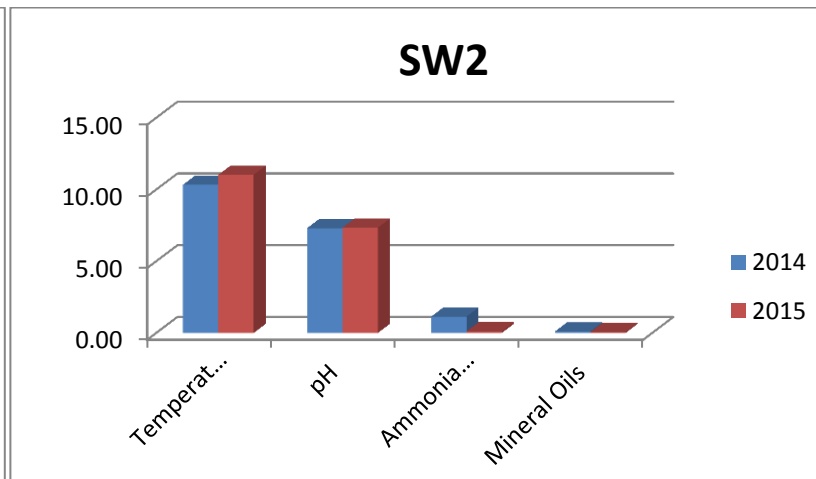
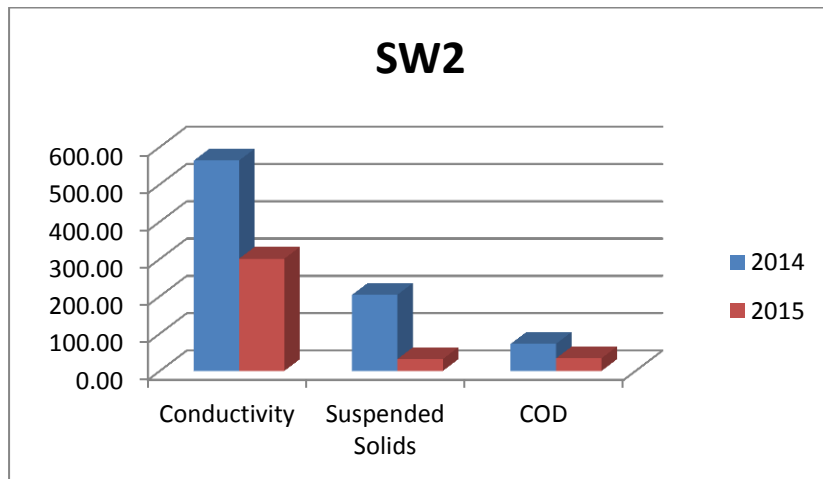
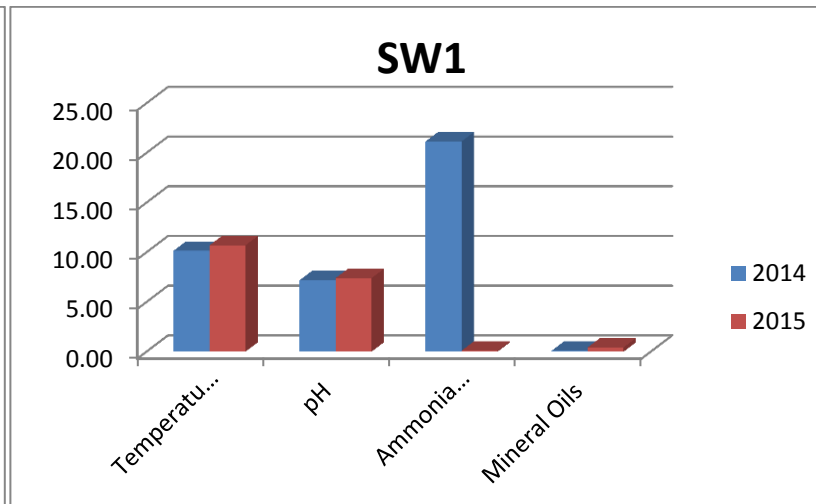
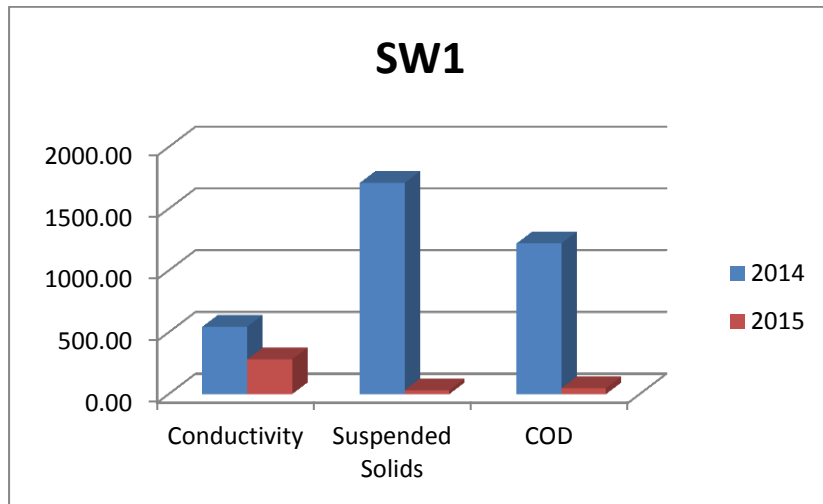


Once compared to the previous year's results it can be seen that there is a clear reduction in the results achieved for many of the parameters.

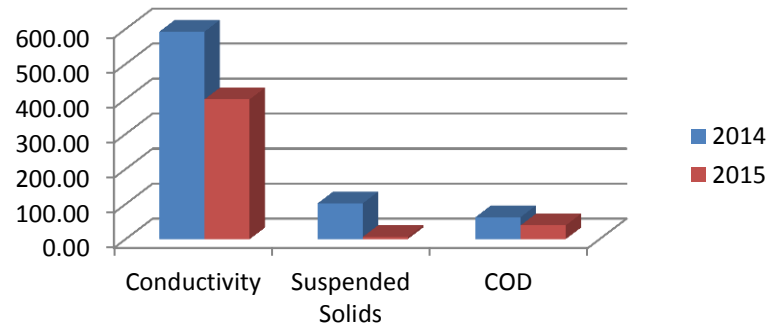
**Figure 11: Surface Water Comparison**

	SW1		SW2		SW3		SW4	
	2014	2015	2014	2015	2014	2015	2014	2015
<b>Temperature</b>	10.15	10.70	10.33	11.03	10.33	11.30	10.08	10.93
<b>pH</b>	7.19	7.40	7.30	7.34	7.18	7.30	6.95	7.28
<b>Ammonia (as N)</b>	21.16	0.10	1.13	0.11	1.37	0.13	4.96	0.10
<b>Mineral Oils</b>	0.10	0.43	0.10	0.06	0.10	0.06	0.10	0.06
<b>Conductivity</b>	546.00	281.60	563.75	300.80	592.75	399.25	363.25	348.33
<b>Suspended Solids</b>	1708.88	31.50	204.45	31.98	101.80	5.88	60.18	4.58
<b>COD</b>	1219.25	47.25	73.00	34.00	62.75	39.25	130.50	36.00

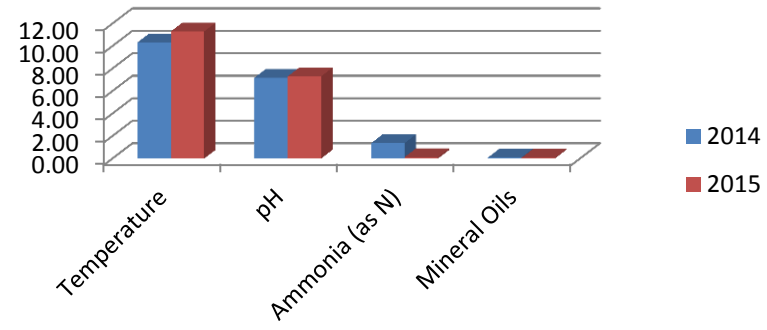
Figure 12: 2014/2015 Surface Water Comparisons



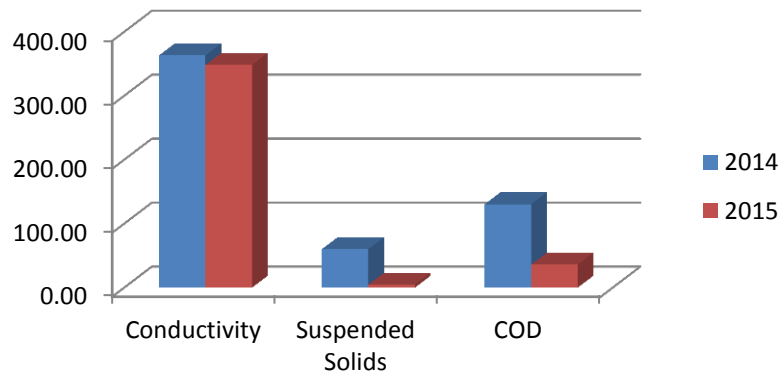
### SW3



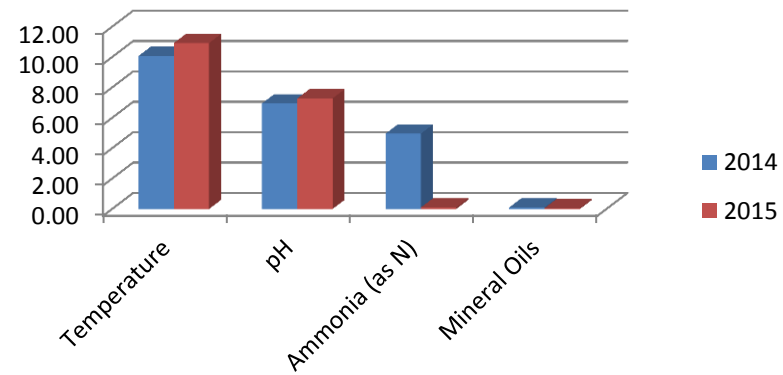
### SW3



### SW4



### SW4



## 2.3 Dust Monitoring

Dust monitoring is carried out three times a year at two locations.

Figure 13: Dust Monitoring 2015

	D2	D5
Avg Result	253.25	309.5

## 3.0 Complaints & Incidents Summary

### 3.1 Complaints

Cavan Waste Disposal received no complaints during the reporting period.

### 3.2 Incidents

Cavan Waste Disposal reported no incidents at the site during the reporting period.

## 4.0 Objectives & Targets & Site Development Works

As part of the environmental management system which Cavan Waste Disposal operates, objectives & targets are set and reviewed on an annual basis by the operations director, facility manager & environmental compliance team.

**Figure 14: Objectives & Targets 2015**

Objectives & Targets 2015					
Objective	Description	Aspect	Target	Person Responsible	Status
1	Staff Training & Awareness	Site Management	Carry out bespoke training with key members of staff on site	Environmental Compliance Team	Training Completed Jan 15
2	To reduce emissions to groundwater	Natural Resources	Carry Out a full inspection of the concrete hardstand at the Facility	Facility Manager, Compliance Team	Inspection Completed
3	To reduce Air Emissions from the facility	Odour	Provide induction training to all new staff on site and make them aware of the importance of the control measures in place	Environmental Compliance Team	No new staff on site- this will remain as an ongoing target
4	Compliance with waste collection regulations	Waste Collection	Ensure all refuse vehicles are fitted with AMCS weighing technology in line with the waste collection permit regulations 2015	Facility Manager, Environmental Compliance Team	Completed

**Figure 15: Schedule of Objectives and targets 2016**

Objectives & Targets 2016				
Objective	Description	Aspect	Target	Person Responsible
1	To ensure emergency preparedness and response	Fire/ Natural Resources	To review and update the emergency response procedure as required	Environmental Compliance Team
			Carry out training into all aspects of the Emergency Response	
2	Carry out full review of the EMS	General Compliance	Update Procedures to ensure they are reflective of current operations on site	Environmental Compliance Team
3	To reduce Air Emissions from the facility	Odour	Provide induction training to all new staff on site and make them aware of the importance of the control measures in place	Environmental Compliance Team

## 5.0 Waste Received & Consigned from the facility

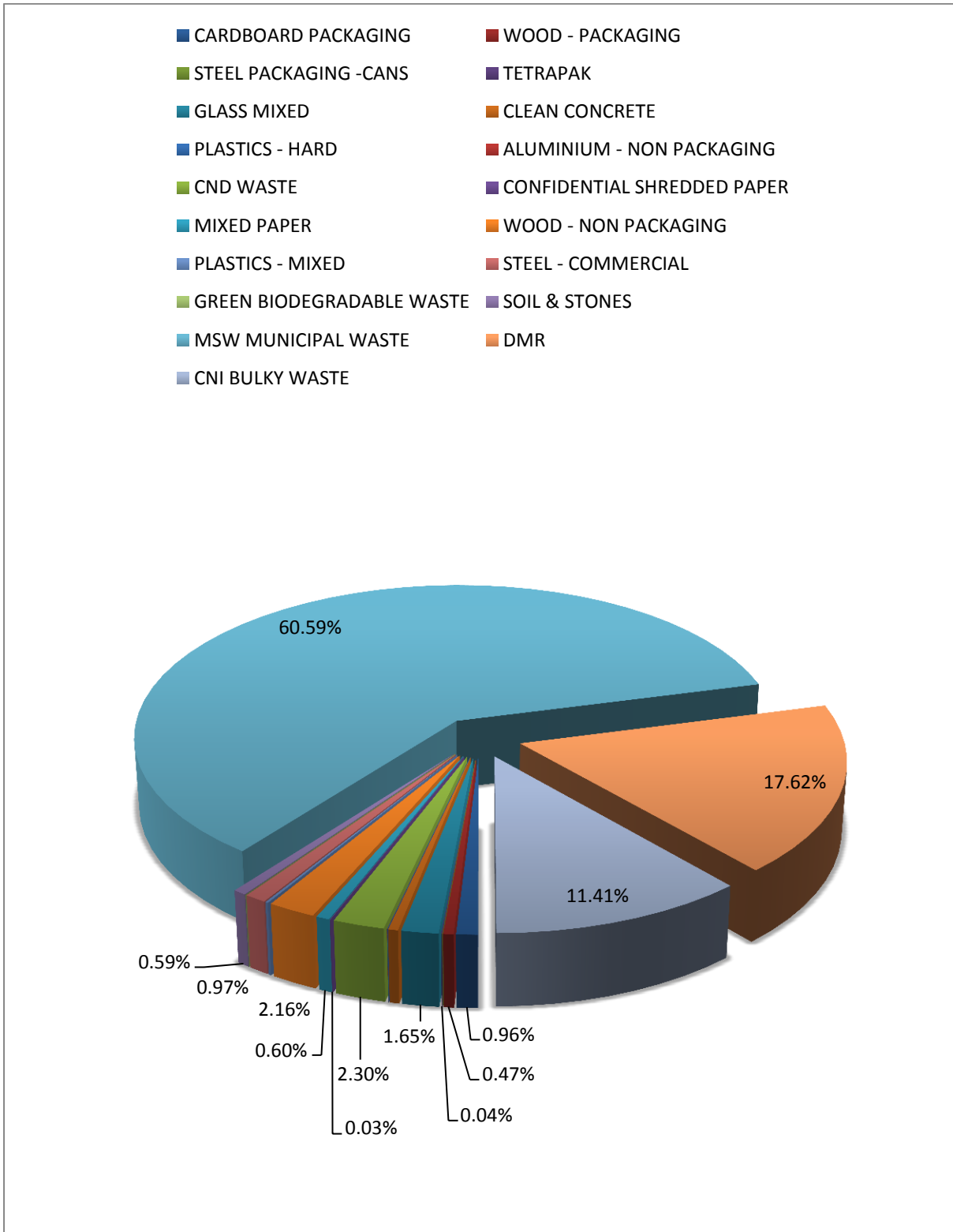
### 5.1 Waste Accepted

Waste accepted at the waste transfer station, comprises mainly of Household waste, Commercial & Industrial Bulky Waste & Construction & Demolition Waste.

**Figure 16: Waste Accepted**

Waste Type	EWC	Tonnes
CARDBOARD PACKAGING	15 01 01	190.58
WOOD - PACKAGING	15 01 03	92.92
STEEL PACKAGING	15 01 04	0.5
TETRAPAK	15 01 05	8.76
GLASS MIXED	15 01 07	329.04
CLEAN CONCRETE	17 01 01	86.98
PLASTICS - HARD	17 02 03	2.7
ALUMINIUM - NON PACKAGING	17 04 02	1.44
C&D WASTE	17 09 04	458.28
CONFIDENTIAL SHREDDED PAPER	20 01 01	6.94
MIXED PAPER	20 01 01	118.64
WOOD - NON PACKAGING	20 01 38	429.32
PLASTICS - MIXED	20 01 39	26.72
STEEL - COMMERCIAL	20 01 40	193.9
GREEN BIODEGRADABLE WASTE	20 02 01	0.86
SOIL & STONES	20 02 02	117.96
MSW- MUNICIPAL WASTE	20 03 01	12070.07
DMR- DRY RECYCLABLES	20 03 01	3510.68
C&I BULKY WASTE	20 03 07	2273.32
<b>Total</b>		<b>19919.61</b>

**Figure 17: Waste Accepted by percentage**





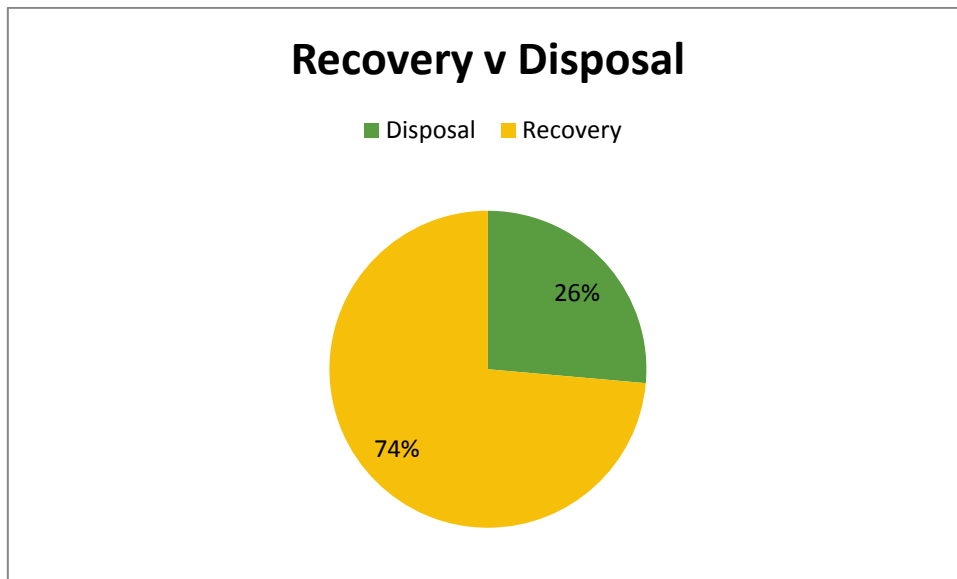
## 5.2 Waste Removed

All waste removed from the facility is consigned to EPA approved destinations. A breakdown of waste removed from the facility and the destination to which it was consigned is provided in the table below.

**Figure 18: Waste Removed**

Waste Type	EWC	Destination	Tonnes
<b>ALUMINIUM - NON PACKAGING</b>	17 04 02	WILTON WASTE RECYCLING LTD	16.48
<b>CARDBOARD PACKAGING</b>	15 01 01	THORNTONS RECYCLING LTD	9.6
		IRISH PACKAGING RECYCLING LTD	244.1
<b>CLEAN CONCRETE</b>	17 01 01	FARMER SALE OF RUBBLE	231.24
<b>CND WASTE</b>	17 09 04	THORNTONS RECYCLING LTD	1676.16
<b>CRUSHED RUBBLE</b>	17 01 07	FARMER SALE OF RUBBLE	15.28
<b>END OF LIFE TYRES</b>	16 01 03	CRUMB RUBBER	10.52
<b>GLASS MIXED</b>	15 01 07	GLASSCO	323.6
<b>INTERCEPTOR WASTE</b>	13 05 03*	RIALTA	9.04
<b>METAL</b>	20 01 40	CLEARWAY	439.78
<b>MSW MUNICIPAL WASTE</b>	20 03 01	DREHID LANDFILL	1069.98
		INDAVER IRELAND LIMITED	2733.71
		KNOCKHARLY LANDFILL	4111
		OXIGEN ROBINHOOD	4656.17
<b>PLASTICS - HARD</b>	17 02 03	POLYFAB PLASTICS	3.46
<b>PLASTICS - MIXED</b>	20 01 39	POLYFAB PLASTICS	11.98
<b>SOIL &amp; STONES</b>	20 02 02	FARMER SALE OF RUBBLE	148.42
<b>TETRAPAK</b>	15 01 05	PANDA WASTE	14.28
<b>TEXTILES</b>	20 01 11	TEXTILE RECYCLING	0.5
<b>WOOD - NON PACKAGING</b>	20 01 38	OXIGEN TULLAMORE	521.48
<b>WOOD - PACKAGING</b>	15 01 03	OWEN DUFFY	21.7
		OXIGEN TULLAMORE	10.42
<b>DMR- DRY RECYCLABLES</b>	20 03 01	OXIGEN DUNDALK	297.48
		PANDA WASTE	167.74
		REGEN WASTE	927.56
		THORNTONS RECYCLING LTD	1940.78
		IRISH PACKAGING RECYCLING LTD	47.92
<b>Grand Total</b>			<b>19660.38</b>

**Figure 19: Waste Recovery Reports**



## **6.0 Resource & Energy Consumption**

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

- Water Consumption
- Electricity Consumption
- On Site Diesel Consumption

### **6.1 Water Consumption**

Water is not used in any of the processes on site. The main use of water on site is for staff welfare buildings and the use of the power washer for cleaning vehicle and washing down the waste transfer station and yard. The water usage site was in the region of 700m<sup>3</sup>.

### **6.2 Electricity Consumption**

Total electricity usage on site for the reporting period was 50.04Mw Hrs.

### **6.3 Diesel Consumption**

Gas Oil is the main form of diesel used on site. It is primarily used for the machines on site. Total usage of gas oil for the reporting year was 21,095 Litres.

## **7.0 Nuisance Control**

### **7.1 Pest & Fly Control**

A pest prevention service is provided by Eastern Pest Control (EPC). EPC carry out a number of visits each year to monitor pest control on site. Records of all inspections and site visits

carried out by EPC are maintained on site. Each inspection report outlines the controls, level of activity and observations for each site inspection. EPC also provide fly fogging services to the company if required.

## **7.2 Odour**

All staff on site is aware of the importance of the control measures in place to minimise the risk of odours from onsite operations. Induction training is provided to all staff upon starting with the organisation.

## **7.3 Daily Nuisance Checks**

The facility manager carries out daily site nuisance checks. These include fly activity on site, odour, litter & Dusts. A record of these nuisance checks are maintained at the Cavan Waste site office.

## **8.0 Financial Provision**

At present Cavan Waste Disposal t/a Oxigen Environmental has a sufficient turnover and company asset 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. It also has Pollution Cover of up to €13M

## **9.0 Public Information**

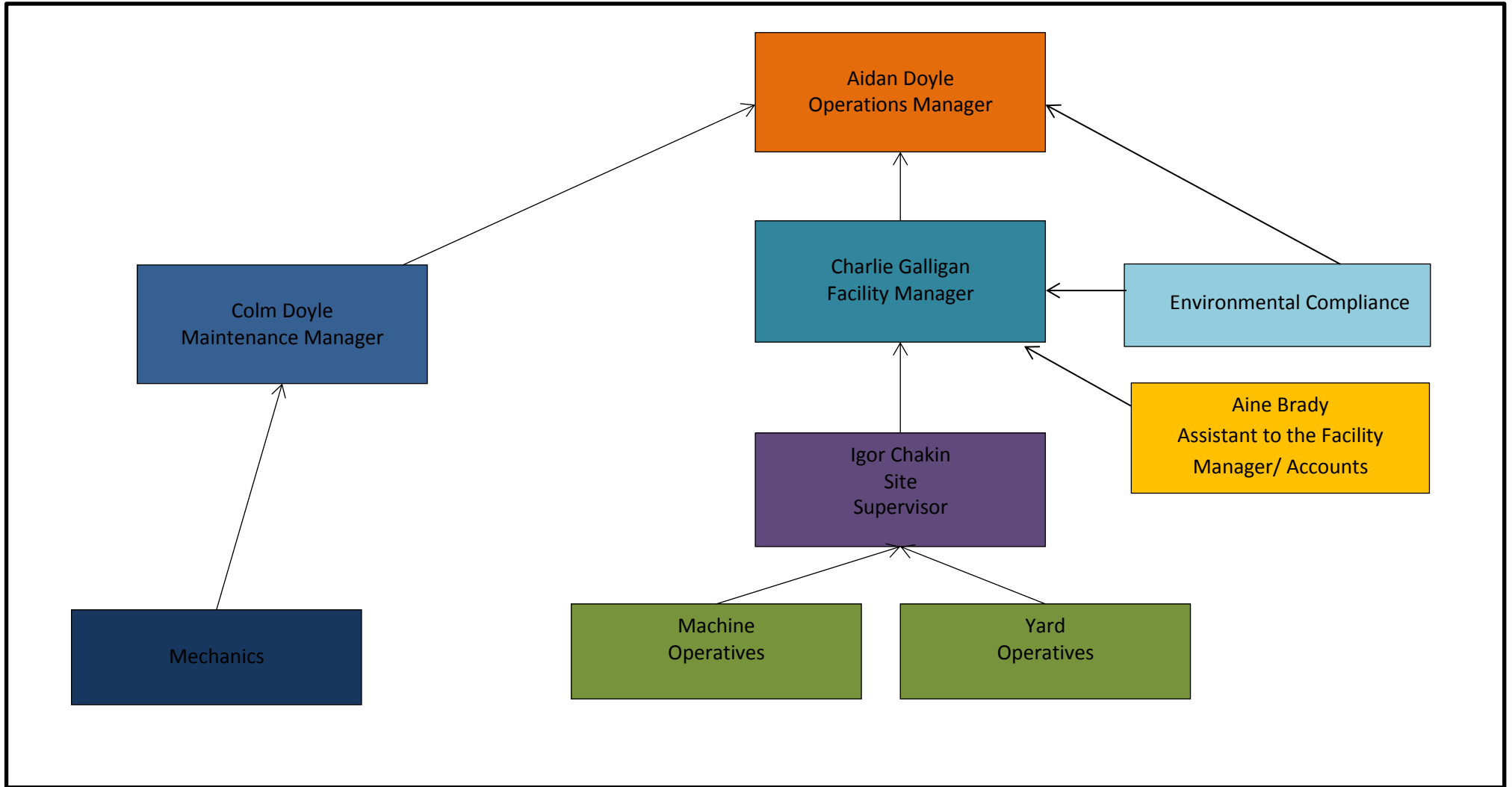
As per the conditions of W0207-01 Cavan Waste Disposal operates a programme of public information. During the reporting period there were no requests to view this file from the members of the public.

Information which is made freely available to members of the public includes:

- Complaints Register
- Current Waste Licence
- Environmental Policy
- Waste Licence W0207-01
- List of unacceptable waste

Members of the public who wish to inspect these files may do so Monday to Friday between the times 10am-12pm and 2pm to 4pm by making an appointment with the Facility Manager at the telephone number posted on the main facility entrance sign erected in accordance with Condition 3.3.

## 10.0 Site Management Structure





Environmental Protection Agency

| PRTR# : W0207 | Facility Name : Cavan Waste Disposal Ltd | Filename : W0207\_2015.xls | Return Year : 2015 |

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[Guidance to completing the PRTR workbook](#)

# PRTR Returns Workbook

Version 1.1.19

<b>REFERENCE YEAR</b>	2015
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## 1. FACILITY IDENTIFICATION

Parent Company Name	Cavan Waste Disposal Limited
Facility Name	Cavan Waste Disposal Ltd
PRTR Identification Number	W0207
Licence Number	W0207-01

### Classes of Activity

No.	class_name
-	Refer to PRTR class activities below

Address 1	Killygarry Industrial Park
Address 2	Killygarry
Address 3	
Address 4	
	Cavan
Country	Ireland
Coordinates of Location	-7.32829 53.9893
River Basin District	GBNIIENW
NACE Code	3832
Main Economic Activity	Recovery of sorted materials
<b>AER Returns Contact Name</b>	Maria Byrne/ Seamus McGourty
<b>AER Returns Contact Email Address</b>	mabyrne@oxigen.ie
<b>AER Returns Contact Position</b>	Environmental Compliance Officer
<b>AER Returns Contact Telephone Number</b>	014263118
<b>AER Returns Contact Mobile Phone Number</b>	
<b>AER Returns Contact Fax Number</b>	
<b>Production Volume</b>	0.0
<b>Production Volume Units</b>	
<b>Number of Installations</b>	0
<b>Number of Operating Hours in Year</b>	0
<b>Number of Employees</b>	10
<b>User Feedback/Comments</b>	
<b>Web Address</b>	

## 2. PRTR CLASS ACTIVITIES

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

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

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

## 4. WASTE IMPORTED/ACCEPTED ONTO SITE

[Guidance on waste imported/accepted onto site](#)

Do you import/accept waste onto your site for on-site treatment (either recovery or disposal activities) ?	
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This question is only applicable if you are an IPPC or Quarry site

4.1 RELEASES TO AIR

[Link to previous years emissions data](#)

| PRTR# : W0207 | Facility Name : Cavan Waste Disposal Ltd | Filename : W0207\_2015.xls | Return Year : 2015 |

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SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

POLLUTANT		METHOD			Please enter all quantities in this section in KGs			
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

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

SECTION B : REMAINING PRTR POLLUTANTS

POLLUTANT		METHOD			Please enter all quantities in this section in KGs			
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

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

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

POLLUTANT		METHOD			Please enter all quantities in this section in KGs				
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	Emission Point 2	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
210	Dust	M	ALT	VDI 4320 Part2	679.4	830.3	1509.7	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 (CH<sub>4</sub>) emission to the environment under T(total) KG/yr for Section A: Sector specific PRTR pollutants above. Please complete the table below:

Landfill:	Cavan Waste Disposal Ltd			
	T (Total) kg/Year	M/C/E	Method Code	Designation or Description
Total estimated methane generation (as per site model)	0.0			Facility Total Capacity m3 per hour
Methane flared	0.0			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# : W0207 | Facility Name : Cavan Waste Disposal Ltd | Filename : W0207\_2015.xls | Return Year : 2015 |

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SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

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

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

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

SECTION B : REMAINING PRTR POLLUTANTS

RELEASES TO WATERS

Please enter all quantities in this section in KGs

POLLUTANT		Method Used		QUANTITY			
No. Annex II	Name	M/C/E	Method Code / Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
				0.0	0.0	0.0	0.0

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

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

RELEASES TO WATERS

Please enter all quantities in this section in KGs

POLLUTANT		Method Used		Please enter all quantities in this section in KGs					QUANTITY		
Pollutant No.	Name	M/C/E	Method Code / Designation or Description	Emission Point 1	Emission Point 2	Emission Point 3	Emission Point 4	Emission Point 5	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
306	OD	M	ALT	881.42	634.25	732.18	671.55	0.0	2919.4	0.0	0.0
240	Suspended Solids	M	ALT	587.61	549.84	62.96	15.39	0.0	1215.8	0.0	0.0
238	Ammonia (as N)	M	ALT	0.79	0.89	1.82	0.79	0.0	4.29	0.0	0.0
324	Mineral oils	M	ALT	8.07	1.03	1.16	1.03	0.0	11.29	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](#)

| PRTR#: W0207 | Facility Name: Cavan Waste Disposal Ltd | Filename: W0207\_2015.xls | Return Y

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**SECTION A : PRTR POLLUTANTS**

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	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			
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		4.73	4.73	0.0
306	COD	M	ALT	APHA - 5220 - D		72.1	72.1	0.0
240	Suspended Solids	M	ALT	APHA - 2540 - D		149.1	149.1	0.0
324	Mineral oils	M	ALT	GC-FID		49.35	49.35	0.0
343	Sulphate	M	ALT	APHA - 4110 - B		22.23	22.23	0.0

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



4.4 RELEASES TO LAND

[Link to previous years emissions data](#)

[ PRTR# : W0207 | Facility Name : Cavan Waste Disposal Ltd | Filename : W0207\_2015.xls | Return Year : 2015 ]

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**SECTION A : PRTR POLLUTANTS**

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

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

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

RELEASES TO LAND					Please enter all quantities in this section in KGs		
POLLUTANT		METHOD			QUANTITY		
Pollutant No.	Name	M/C/E	Method Code	Method Used 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

| PRTR# : W0207 | Facility Name : Cavan Waste Disposal Ltd | Filename : W0207\_2015.xls | Return Year : 2015 |

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Please enter all quantities on this sheet in Tonnes

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		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		Haz Waste - Name and Licence/Permit No of Recover/Disposer	Haz Waste - Address of Next Destination Facility			
Within the Country	15 01 01	No	244.1	paper and cardboard packaging	R3	M	Weighted	Offsite in Ireland	Irish Packaging Recycling,W0263-01	Ballymount Road,Walkinstown,Dublin 12, Ireland			
Within the Country	15 01 01	No	9.6	paper and cardboard packaging	R3	M	Weighted	Offsite in Ireland	Thomtons Recycling,WFP-DC-10-0021-01	Unit S3B Henry Road,Park West Business Park,Dublin 12, Ireland			
Within the Country	15 01 05	No	14.28	composite packaging	R12	M	Weighted	Offsite in Ireland	Irish Packaging Recycling,W0263-01	Ballymount Road,Walkinstown,Dublin 12, Ireland			
Within the Country	15 01 07	No	323.6	glass packaging	R5	M	Weighted	Offsite in Ireland	Rehab Glassco Ltd,WFP-KE-08-0957-01	Unit 4 Oberstown Industrial Park,Carragh Road,Naas,Co.Kildare,Ireland			
Within the Country	16 01 03	No	10.52	end-of-life tyres	R3	M	Weighted	Offsite in Ireland	Crumb Rubber Ireland Ltd,WFP 2007/01	Drumskin,Dundalk,Co.Louth,Ireland			
Within the Country	17 01 01	No	231.24	concrete	R10	M	Weighted	Offsite in Ireland	Various Farmers,N/A	.....Cavan,Ireland			
Within the Country	17 02 03	No	3.46	plastic	R3	M	Weighted	Offsite in Ireland	Polyfab Plastics,WFP-CN-10-0004-01	IDA Estate,Cavan Road,Coochill,Co. Cavan,Ireland			
Within the Country	17 04 02	No	16.48	aluminium mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R4	M	Weighted	Offsite in Ireland	Wilton Waste,WFP-CN-10-0005-01	Co. Cavan IRELAND, Ireland			
Within the Country	17 09 04	No	1676.16	wood other than that mentioned in 20 01 37	R12	M	Weighted	Offsite in Ireland	Thomtons Recycling,W0044-02	Kilren Road_Dublin 10,Dublin ,Ireland			
Within the Country	20 01 38	No	521.48	wood other than that mentioned in 20 01 37	R12	M	Weighted	Offsite in Ireland	Guessford Ltd TA Oxygen Environmental,WFOY 10 0183 02	Baman,Dangean,Offaly, Ireland and IDA Estate,Cavan Road,Coochill,Co. Cavan,Ireland			
Within the Country	20 01 39	No	11.98	plastics	R3	M	Weighted	Offsite in Ireland	Polyfab Plastics,WFP-CN-10-0004-01	East Twin Road,BT39EN,Ireland			
To Other Countries	20 01 40	No	439.78	metals	R4	M	Weighted	Abroad	Cleanway Disposal Ltd,LN05/02/A	Enrich Environmental Ltd,0004/01	.....Kilcock,Co.Meath,Ireland		
Within the Country	20 02 01	No	148.42	biodegradable waste soil and stones	R3	M	Weighted	Offsite in Ireland	Various Farmers,N/A	.....Cavan,Ireland			
Within the Country	20 02 02	No	2733.71	mixed municipal waste	R1	M	Weighted	Offsite in Ireland	Indaver Ireland,W0167-02	.....Carranstown,Duleek,Co.Meath,Ireland			
Within the Country	20 03 01	No	1069.98	mixed municipal waste	D5	M	Weighted	Offsite in Ireland	Bord na Mona Dreht Waste Management facility,W0203-03	Drehid,Carbury,Co.Kildare,Ireland			
Within the Country	20 03 01	No	4656.17	mixed municipal waste	R13	M	Weighted	Offsite in Ireland	Oxygen Environmental Ltd,W0152-03	Knockharley Landfill,Knockharley ,Navan,Co.Meath,Ireland			
Within the Country	20 03 01	No	4111.0	mixed municipal waste	D1	M	Weighted	Offsite in Ireland	Knockharley Landfill,W0146-02	9 Longfield Road,Lisles,Newry,Co. Down BT35 9TU,Ireland			
Within the Country	20 03 01	No	927.56	Dry Recyclables	R12	M	Weighted	Offsite in Ireland	ReGen Waste,LN05/01/B	Down BT35 9TU,Ireland			
Within the Country	20 03 01	No	297.48	Dry Recyclables	R13	M	Weighted	Offsite in Ireland	Oxygen Environmental Ltd,W0144-01	Rd.,Dundalk,Co.Louth,Ireland			
Within the Country	13 05 03	Yes	9.04	interceptor sludges		M	Weighted	Offsite in Ireland	McBreen Environmental,NWCPO-13-11262-01	Lismagraty ,Coochill Road ,Cavan, Ireland Ballymount MRF (Merrywell) Merrywell Industrial Estate,Ballymount Road Lower,Dublin 22,Ireland	Rita Environmental ,W0192-03,Block 402 Grants Drive,Greenogue Business Park,Rathcoole,Dublin,Ireland	.....Ireland	
Within the Country	20 03 01	No	215.66	Dry Recyclables	R12	M	Weighted	Offsite in Ireland	Dublin City Council (opeated by Panda Waste),W0238-01	Unit S3B Henry Road,Park West Business Park,Dublin 12, Ireland			
Within the Country	20 03 01	No	1940.78	Dry Recyclables	R12	M	Weighted	Offsite in Ireland	Thomtons Recycling,WFP-DC-10-0021-01	Textile Recycling Limited,NWCPO-08-01225-02	Ashfield,Clonsalkin,Dublin 22, Ireland		
Within the Country	20 01 11	No	0.5	textiles	R12	M	Weighted	Offsite in Ireland	Guessford Ltd TA Oxygen Environmental,WFOY 10 0183 02	Baman,Dangean,Offaly, Ireland			
Within the Country	15 01 03	No	10.42	wooden packaging	R12	M	Weighted	Offsite in Ireland	Various Farmers,N/A	.....Cavan,Ireland			
Within the Country	17 01 01	No	15.28	concrete	R10	M	Weighted	Offsite in Ireland	Various Farmers,N/A	.....Cavan,Ireland			
Within the Country	15 01 03	No	21.7	wooden packaging	R5	M	Weighted	Offsite in Ireland	Owen Duffy,WCPMH/2001/20B	Ardee Rd,Carrickmacross,Co Monaghan, Ireland			

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