

## **ANNUAL ENVIRONMENTAL REPORT 2008**



Midland Waste Disposal Ltd

**Midland Waste Disposal Co. Ltd.**

Clonmaggadan, Proudstown, Navan, Co. Meath

**EPA Licence Registration No. W0131-02**

**For the Attention of:**

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**Prepared by:**

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## **1 Introduction**

In accordance with the requirements of Waste Licence, Register Number W0131-02, the following document represents the Annual Environmental Report (AER) for Midland Waste Disposal Co. Ltd. for the reporting period January - December 2008. Detailed within is a summary of all activities on-site during this period that has an influence on the environmental performance of the company. Environmental emissions summary data for the reporting period is also reported, together with the required information as set out in Schedule E of the licence.

Midland Waste Disposal Co. Ltd. operates a waste recycling plant at Clonmagaddan, Proudstown, Navan, Co. Meath. Operations at the facility include the receipt of domestic, commercial, industrial and construction and demolition waste, which is sorted and segregated for onward recycling in accordance to recycling potential. Waste deemed unsuitable for recycling and recovery is segregated and compacted for final disposal off-site.

## **1.1 Site Description**

### **1.1.1 General**

Midland Waste Disposal Ltd. operates and manages a waste recycling facility at Clonmaggadan, Navan, Co. Meath (E2868 N2698). The licenced waste disposal and waste recovery activities that take place at the site as per the Waste Management Act, 1996, are outlined as follows:

#### ***Third Schedule -Waste Disposal Activities***

- Class 11: Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this schedule.
- Class 12: Repackaging prior to submission to any activity referred to in a preceding paragraph of this 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 -Waste Recovery Activities***

- Class 2: Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological processes).
- Class 3: Recycling or reclamation of metals and metal compounds.
- Class 4: Recycling or reclamation of other inorganic materials.
- Class 11: Use of waste obtained from any activity referred to in a preceding paragraph of this Schedule
- Class 12: Exchange of waste for submission to any activity referred to in a preceding paragraph of this 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.

### **1.1.2 Waste Types**

The waste that arrives at the site may be characterised as follows:

- Household Waste
- Commercial Waste
- Industrial-Non hazardous Waste
- Construction and Demolition
- Household Hazardous Waste

These waste classifications, subsequent to inspection, can be further categorised as been either suitable for recycling/recovery offsite or disposed to off-site authorised disposal facilities. Hazardous waste is not accepted at the Midland Waste site. Hazardous waste in the form of batteries, and fluorescent tubing that are inadvertently accepted to the site are segregated into individual storage skips/areas within the plant and subsequently collected by authorised contractors for further treatment/disposal. Any materials that are suspect in nature (i.e. hazardous or not acceptable at the facility) are routed to the Waste Quarantine Area within the Recycling Plant for further examination and processing prior to removal off-site for appropriate treatment/disposal by an appropriate hazardous waste contractor.

### **1.1.3 Waste Handling Procedure**

Normal operation hours at Midland Waste Disposal Co. Ltd. facility are between the hours of 08.00 to 20.00. Monday to Saturday with empty waste collection vehicles leaving the facility from 06.00 Monday to Saturday. All waste accepted at the facility for disposal is removed from the facility within 48 hours of its arrival on-site (during bank holidays/weekends waste is removed within 72 hours).

Current waste acceptance procedures involve the use of a computer based programme called Integrated Waste System (IWS). The software is linked to the on-site weighbridge

and is used for recording of waste quantities accepted on-site. The vehicle registration number, customer and product is inputted into the system and from this detail, the source of the waste can be obtained.

After weighing, each waste load is brought to the enclosed Recycling Plant Building where it is deposited on the floor for visual inspection to ensure that all wastes comply with the requirements of the Waste licence, Register No. W0131-02. The Waste Segregation Manager is responsible for carrying out visual waste inspections and for maintaining a written record of all loads.

Written records of each inspection are recorded on the incoming waste inspection sheet at the end of each working day. Only after visual inspection can the waste be identified for disposal or recovery.

Within the Recycling Plant Building the waste is sorted according to its recycling potential and is either deemed suitable for further onward recycling/recovery or compacted within one of the compactors on-site/ejector trailers and transported off-site for final disposal (non-recoverable waste) to an authorised landfill. The categories of waste deemed suitable for segregation and recycling is dependent on available markets for such materials. Materials commonly accepted for recycling Steel/Iron, Cardboard/Newsprint, Timber, Soil & Stone (suitable for backfill material), Green Waste, Plasterboard, Plastic, Glass and on-occasion empty gas cylinders and tyres. Household mixed recyclables are collected and accepted at the facility, where the waste is forwarded off-site for further recovery. All waste deemed unsuitable for recycling/recovery is loaded into designated ejector trailers or is compacted within one of two compactors on-site. All compacted wastes are sealed within specialised containers and are subsequently transported for authorised disposal. All waste being transported from the facility is weighed and recorded at the weighbridge. An individual weigh docket is printed for each waste load.

## Waste Management Record

In accordance to requirements of the Waste licence Register No. W0131-02, details of all wastes handled at the facility are recorded. The waste summary records for this reporting period are presented in Table 1 below.

**Table 1 Quantities of Waste handled at Midland Waste Disposal for 2008**

<b>Material</b>	<b>EWC Code</b>	<b>Tonnes</b>	<b>Destination</b>	<b>Address</b>
Paper & Cardboard Packaging	15 01 01	4565	Failand Paper Services Ltd.	11 Triangle South, Clifton, Bristol, BS8 1EY
Paper & Cardboard Packaging	15 01 01	385	Leinster Environmental WP 2004/30	Clermont Park, Haggardstown, Dundalk, C. Louth
Paper & Cardboard Packaging	15 01 01	46	Smurfit Kappa Recycling, WPR021/3	Ballymount Road, Walkinstown, Dublin 12
Plastic Packaging	15 01 02	41	AES Tullamore, W0104-1	Cappincur, Tullamore, Co Offaly
Plastic Packaging	15 01 02	40	Leinster Environmental WP 2004/30	Clermont Park, Haggardstown, Dundalk, C. Louth
Plastic Packaging	15 01 02	29	B two B Recycling Ltd., WP 294/2007	Unit 74 A, Naas Industrial Estate, Naas, Co. Kildare
Metallic Packaging	15 01 04	7	Wilton Waste Recycling Ltd. WP 06/30	Kiffa, Crosserlough, Co. Cavan
Glass Packaging	15 01 07	21	Glassco Recycling Ltd., WP 160/2004	Site 4, Osberstown Business Park, Naas, Co. Kildare
Tyres	16 01 03	34	Crumb Rubber Ireland Ltd., WP2007/01	Mooretown, Dromiskin, Dundalk, Co. Louth
Lead Batteries	16 06 01	13	Wilton Waste Recycling Ltd. WP 06/30	Kiffa, Crosserlough, Co. Cavan
Concrete & Bricks	17 01 07	3675	Doherty Quarries & Waste Management Ltd., WMP 2001/34	Cruicetown, Slane, Co. Meath
Concrete & Bricks	17 01 07	1328	Drehid Waste Management Facility, W0201-01	Killinagh Upper, Carbury, Co. Kildare
Wood from C & D	17 02 01	1385	AES Portlaoise, W0194-2	Kyletalesha, Portlaoise, Co. Laois
Wood from C & D	17 02 01	1189	Panda Waste Services, W0140-2.	Rathdrinagh, Beauparc, Meath

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Wood from C & D	17 02 01	1282	Wilton Waste Recycling Ltd., WP06/30.	Kiffa, Crosserlough, Co. Cavan
Wood from C & D	17 02 01	569	Thornton's Recycling, 44-2.	Killeen Road, Ballyfermot, Dublin 10
Wood from C & D	17 02 01	127	Doherty Quarries & Waste Management Ltd., WMP 2001/34	Cruicetown, Slane, Co. Meath
Cables	17 04 11	27	Wilton Waste Recycling Ltd., WP06/30	Kiffa, Crosserlough, Co. Cavan
Soil & Stone	17 05 04	16	Drehid Waste Management Facility, W0201-01	Killinagh Upper, Carbury, Co. Kildare
Soil & Stone	17 05 04	1528	Damian Fitzsimons Waste Management Facility, WMP 2005/48	Gordon Bennetts Facility, Kingstown & Carnuff Great, Navan, Co. Meath
Plasterboard	17 08 02	103	Gypsum Recycling Ireland Ltd., WMP 238/2006	Rathcoffey, Donadea, Naas, Co. Kildare
Plasterboard	17 08 02	7	Recycle Works t/a Sandyhill Environmental Services, WPT 112	Sandyhill, St. Margaret's, Co. Dublin
Compost	19 05 03	1654	Knockharley Landfill, W0146-1	Knockharley, Kentstown, Navan, Co. Meath
Compost	19 05 03	7516	Drehid Waste Management Facility, W0201-01	Killinagh Upper, Carbury, Co. Kildare
C&D Fines	19 12 09	9392	Drehid Waste Management Facility, W0201-01	Killinagh Upper, Carbury, Co. Kildare
C&D Fines	19 12 09	3247	Knockharley Landfill, W0146-1	Knockharley, Kentstown, Navan, Co. Meath
C&D Fines	19 12 09	2090	KTK Landfill, W0081-3	Kilcullen, Co. Kildare
C&D Fines	19 12 09	17	Kyletalesha Landfill, W026-2	Kyletalesha, Portlaoise, Co Laois
Mechanically Treated Mixed Wastes	19 12 12	6148	Drehid Waste Management Facility, W0201-01	Killinagh Upper, Carbury, Co. Kildare
Mechanically Treated Mixed Wastes	19 12 12	17909	Knockharley Landfill, W0146-1	Knockharley, Kentstown, Navan, Co. Meath
Newsprint	20 01 01NP	131	AES Tullamore, W0104-1	Cappincur, Tullamore, Co Offaly



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Newsprint	20 01 01NP	163	Smurfit Kappa Recycling, WPR021/3	Ballymount Road, Walkinstown, Dublin 12
Plastic	20 01 39	5	AES Portlaoise, W0194-2	Kyletalesha, Portlaoise, Co. Laois
Plastic	20 01 39	171	Leinster Environmental WP 2004/30	Clermont Park, Haggardstown, Dundalk, C. Louth
Plastic	20 01 39	31	Retech Processing Ltd. WP 07/04	Drumman, Cavan Road, Cootehill, Co. Cavan
Metals	20 01 40	15	A1 Metal Recycling Ltd., WMP007d	Acragar, Mountmellick, Co. Laois
Metals	20 01 40	895	Clearway Disposals Limited, Reg. No. NI 14852	41 Dobbin Road, Portadown, Co. Armagh BT62 4EY
Metals	20 01 40	656	Wilton Waste Recycling Ltd., WP06/30	Kiffa, Crosserlough, Co. Cavan
Biodegradable Waste	20 02 01	457	Bord na Mona Composting, W0198-01	Kilberry, Athy, Co. Kildare
Biodegradable Waste	20 02 01	297	Thornton's Recycling, W0044-2.	Killeen Road, Ballyfermot, Dublin 10
Mixed Dry Recyclables	20 03 01K	4555	AES Tullamore, W0104-1	Cappincur, Tullamore, Co Offaly
Mixed Dry Recyclables	20 03 01K	20	Panda Waste Services, W0140-2.	Rathdrinagh, Beauparc, Co. Meath
Mixed Dry Recyclables	20 03 01K	16	Thornton's Recycling, W0044-2.	Killeen Road, Ballyfermot, Dublin 10

Foul water produced at the facility (leachate and waste water) is directed into a storage tank. This tank is emptied and waste water directed to Navan WWTP. In accordance with requirements of the Waste Licence Register No. W0131-02, details of each consignment of foul water removed from the facility is maintained. The overall waste summary record for this reporting period is presented in the table below.

**Table 2 Quantities of foul water removed from Midland Waste Disposal**

<b>Quantities of Foul- water ( m<sup>3</sup>) removed form Midland Waste Disposal Co. Ltd.</b>						
	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
<b>January</b>	104	76	120	88	352	216
<b>February</b>	72	62	120	128	312	120
<b>March</b>	48	38	128	232	176	128
<b>April</b>	38	40	80	144	64	80
<b>May</b>	72	22	112	232	88	72
<b>June</b>	64	48	56	120	208	152
<b>July</b>	80	32	80	136	304	272
<b>August</b>	34	168	40	80	168	296
<b>September</b>	26	40	120	200	88	160
<b>October</b>	32	120	176	232	80	240
<b>November</b>	40	72	192	192	120	192
<b>December</b>	88	104	232	248	136	136
<b>Total</b>	<b>698</b>	<b>822</b>	<b>1,456</b>	<b>2,032</b>	<b>2,096</b>	<b>2,064</b>

## **2 Summary report on emissions, including interpretation and location plan**

### ***3.1 Storm Water/Emissions to Sewer Monitoring***

Bord Na Móna Environmental were commissioned to carry out all storm water monitoring and emissions to sewer monitoring as per the waste licence at the facility. Reports no.'s ECS2841, ECS2948, ECS3062 and ECS3175 were issued. The results of the trade effluent analysis indicate concentrations as expected for a leachate sample. The results of the analysis of the storm water samples indicate low levels of parameters, some below the limit of detection.

### ***3.2 Ground Water Monitoring***

Bord Na Móna Environmental were commissioned to carry out Ground Water Monitoring as per the waste licence at the facility. Report no. ECS2841 was submitted to the Agency. This report shows that the quality of the underlying groundwater at Midland Waste Disposal is good. The chemical and microbiological results obtained were either below the limit of detection or within the Interim Guideline Values.

### ***3.3 Dust Monitoring***

Bord Na Móna Environmental was commissioned to carry out all monitoring as per the waste licence at the facility (Dust Reports no.'s as follows: ECS2948-Dust, ECS3062-Dust, and ECS3175-Dust). Higher than expected dust deposition levels were recorded at two monitoring points during the second monitoring event (July/August). Midland Waste is taking this exceedance very seriously. However, the monitoring report concluded that *"D2 is located on the Northwest boundary of the facility and adjacent to the Kilsaran Quarry. Dust arising from trucks travelling on the main access road to the quarry would have contributed to high dust levels in that area. This can be demonstrated in the directional dust gauges which indicate that the majority of dust emanated from the east*

(D2-E) and North. D3 is located at the entrance of the facility. Here the main sources of dust would have been contributed by traffic on the main access road to the Kilsaran Facility and Midland Waste Facility". During the first and final monitoring events, all results were within the licence limits.

### **3.5 Noise Monitoring**

Bord Na Móna Environmental were commissioned to carry out noise monitoring as per the waste licence at the facility (Noise Report no. ECS3018-Noise). During the noise survey, the site boundary Leq levels (N1-N4) ranged from 48dB (A) - 64dB (A). Elevated noise levels were noted at two of the four boundary locations (N1 and N4). Midland Waste take this exceedance very seriously. However, it should be noted that the monitoring report concluded that the AES facility was not considered to be the main source of noise as traffic on the main access road was dominant. The noise levels recorded at the two noise sensitive locations N5 (50 dB(A)) and N6 (50 dB(A)) were below the licence limit of 55 dB(A), as specified in Waste Licence W0131-02. The dominant sources of noise at these locations originated from off-site sources such as passing traffic, barking dogs and general residential activities.

### **3.6 Bio-aerosol Monitoring**

Bord Na Móna Environmental were commissioned to carry out bio-aerosol monitoring as per the waste licence at the facility (Monitoring Report no. ECS2948-Bioaerosol 2008 was issued). The report concludes that *Aspergillus fumigatus* was not detected at the downwind, upwind and sensitive receptor monitoring locations. Bioaerosols were highest at the downwind location. Total bacteria were detected at the sensitive receptor. The wind direction on the day of sampling was from the South-East, therefore winds did not blow from the direction of Midland Waste facility towards the sensitive receptor (GAA Club House). The sensitive receptor can therefore also be taken as an upwind location and represent the background levels from external activities around the Midland Waste

facility. Results of bioaerosols indicated that bacteria levels are also present at the upwind location. This suggests that there is an additional source of bioaerosols located in the vicinity of the Midland Waste facility.

See Appendix A for Map of Sampling Locations at Midland Waste Disposal EPA Reg. No. W0131-02.

## 4 Resource & Energy Consumption Summary

The summary details of electricity and water usage at Midland Waste Disposal for the reporting period is detailed in the table below. Electricity usage at Midland Waste Disposal is estimated at a cost of €47,030.53 for approximately 258,660 Units (KWh) and 126,940 Wattless Units for the period January 2008-December 2008.

Table 3 Electricity Usage 2008

Electricity Usage (2008)			
Month/ 2008	Units (KWh)	Wattless	Cost (€) <sup>1</sup>
January-March	59920	19620	10020.62
March-May	47680	23300	8097.40
May-July	38620	20800	6591.04
July-Sept	22100	19880	4295.76
Sept-November	43040	21840	8644.05
November-December	47300	21500	9381.66

Water used at the facility had been sourced from Kilsaran Well and rainwater run-off from roofed areas, prior to connection to Meath County Council Mains Water Supply in the September 2009. There is no meter on the mains supply at present and no bill has been issued as yet. Therefore, calculation of water usage is not possible at present.

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<sup>1</sup> Costs include VAT at 13.5% & other public levies

## **5 Reported Incidents and Complaints summaries**

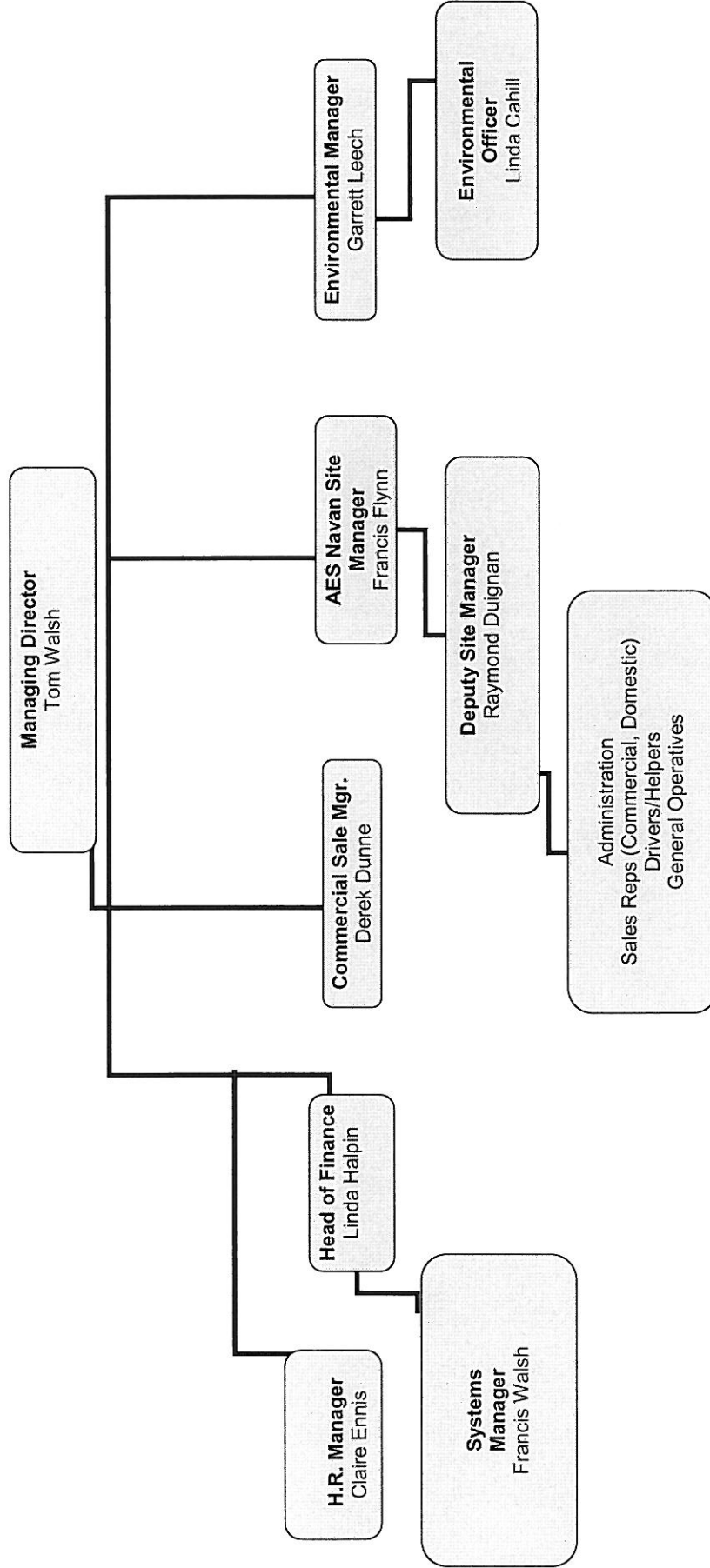
All environmental incidents and complaints are recorded at the facility.

The incidents reported to the Agency are detailed in Section 3.

**Table 4 Complaints received at the facility**

<b>Environmental Complaints</b>	<b>Number of Complaints</b>
Complaints received	None
Complaints requiring corrective action	None
<b>Categories of Complaint</b>	
Odour	N/A
Noise	N/A
Water	N/A
Air	N/A
Procedural	N/A
Miscellaneous	N/A

## 6 Managing Structure





## 7 Schedule of Environmental Objectives and Targets

Environmental Objectives – Report for 2008		
	2008 Proposal	Action
1	Re-test the integrity of all bunds on-site. Modify/upgrade bunds if required.	Integrity Testing completed. Awaiting report.
2	Erect lip around new VCU unit to prevent spillage and fix all visible cracks in masonry.	Works have been carried out at the VCU.
3	Re-direct 20% of Municipal Waste accepted at the facility from landfill	All mixed waste accepted at the facility is now trammelled to ensure that the maximum amount of recyclables are removed.

Table 5 Report on 2008 Environmental Objectives & Targets

<b>2009 Environmental Objectives</b>	
1	To complete a trial of the use Dipetane, an additive for diesel, to investigate the feasibility of its use in decreasing diesel consumption.
2	Increase the area of hardstanding to assist vehicular parking
3	Installation of Dust Suppression System

**Table 6 Environmental Objectives for 2009**

## **8 Tank and Pipeline Testing & Inspection Report**

Tank and Pipeline Testing was carried out by Boyne Waste Services in May 2006 and as specified in Condition 6.7 shall be re-tested and re-inspected within 3 years.

## **9 Development / Infrastructural works in place & planned**

Increase the area of hardstanding to assist vehicular parking.

## **10 Summary of any procedures developed in 2008**

There were no major new procedures developed in 2008.

## **11 Pollution Emission Register**

PRTR data was reported to the Agency electronically on the 25<sup>th</sup> of March 2009. The Treatment & Transfer of Waste section was completed. Under the methodology as no ELV or proscribed pollutants were listed in the licence, the Releases to Air, Water, Wastewater or Sewer and Land for 2008 contained null values. Please see Appendix B for a copy of the completed AER/PRTR Emissions Data Worksheet.

## **12 Report on Financial Provisions**

The environmental liabilities (environmental damage and remedial actions) are those considered to be restricted to the confines of the facility at Midland Waste Disposal Co. Ltd., therefore, any costs incurred in addressing same will be limited to the removal and safe disposal of the waste remaining onsite following an emergency event (e.g. fire or spillage event) or decommissioning and closure of the site. Such environmental liabilities cover, should account for the cost of the clean up and removal of the maximum amount of waste that may be stored on-site at any given time.

AES (Ireland) Ltd. and Bord Na Mona (parent company) have arranged insurance cover to cover liability arising from damage to property and injury to parties as a result of sudden and unforeseen environmental impairment. AES (Ireland) Ltd. have insurance cover for “Business Interruption” and have adequate reserves for the cost of removing the maximum amount of waste that may be stored on-site at any given time and to ensure that said material is transported to an authorised and capable facility. In the unlikely event of full decommissioning, financial reserves are available to allow a formal surrender of the licence ensuring that the inherent environmental safeguard associated with this regulatory process is activated.

## **13 Programme for Public Information**

Procedure for the Processing of Enquiries with regard to Environmental Performance On-Site

### **13.1 Purpose:**

The purpose of this procedure is to install a programme to ensure that members of the public can obtain information concerning the environmental performance of this site at all reasonable times (Condition 2.2.2.7 Waste Licence 131-02).

### **13.2 Scope:**

The scope of this procedure is in compliance with *Waste Licence 131-02* and general environmental performance on-site.

### **13.3 Procedure:**

All calls regarding the environmental performance of the plant are directed to the Facility Manager.

All enquiries regarding environmental performance are logged on the *Environmental Request for Information Form (EPF 8.1)*. This form shall include at a minimum;

- (a) Date of enquiry
- (b) Time of Enquiry
- (c) Name of enquirer
- (d) Nature of enquiry
- (e) Record of request for site visit
- (f) Record of request for site tour
- (g) Record of request access to documentation
- (h) Signature of receiver of enquiry

The site manager shall with all due expedience make available information on the public file.

The public file shall contain;

- (a) Annual Environmental Report
- (b) Monthly Compliance Reports
- (c) EPA correspondence
- (d) Environmental Schedule of Objectives and Targets.

All site tours associated with an enquiry will be scheduled within one working week on receipt of request. In exceptional circumstances it may be arranged at shorter notice.

On arrival at the plant the visitor(s) will be greeted at reception and asked to sign in. All relevant personnel will be contacted with regard to the arrival on-site. These personnel will include at a minimum either the General Manager or the Operational Manager.

Should a site tour not be requested the visitor(s) shall be provided the opportunity to review the public file in an office on their own. The member of staff guiding the tour will direct the participant (s) to the fire muster point for the eventuality of a fire evacuation being necessary.

The member of staff guiding the tour will distribute high visibility clothing and safety glasses to the visitors(s).

At all times the visitor(s) will be accompanied by a member of staff for Health & Safety purposes and also to answer any queries that may arise. Following the completion of the site tour, the visitor will be provided the opportunity to review the public file in an office on their own.

On completion of the review of the public file the visitor (s) will have the opportunity to discuss any queries with the General Manager or Operational Manager. The visitor (s) may also log a complaint at this stage if they require so. Subject to a complaint being logged an Environmental Complaints Procedure will be implemented by the General Manager.

If the visitor(s) is satisfied on completion of the site visit process, they shall complete an Environmental Site Visit Registration Form (EPF 8.2).

**Responsibility:**

The Facility Manager or other responsible person authorised by the Facility Manager is responsible for the implementation of the above procedure.

**Relevant Documentation:**

Environmental Request for Information Form (EPF 8.1)  
Environmental Site Visit Registration Form (EPF8.2)  
Environmental Complaints Procedure (EP7.0)  
Environmental Complaints Assessment Form (EPF7.1)  
Environmental Corrective & Preventive Action Procedure (EP1.0)  
Environmental Corrective & Preventative Action Form (EPF1.1)

## **14 Report on Staff Training**

### ***Health & Safety, Induction & Environmental Training***

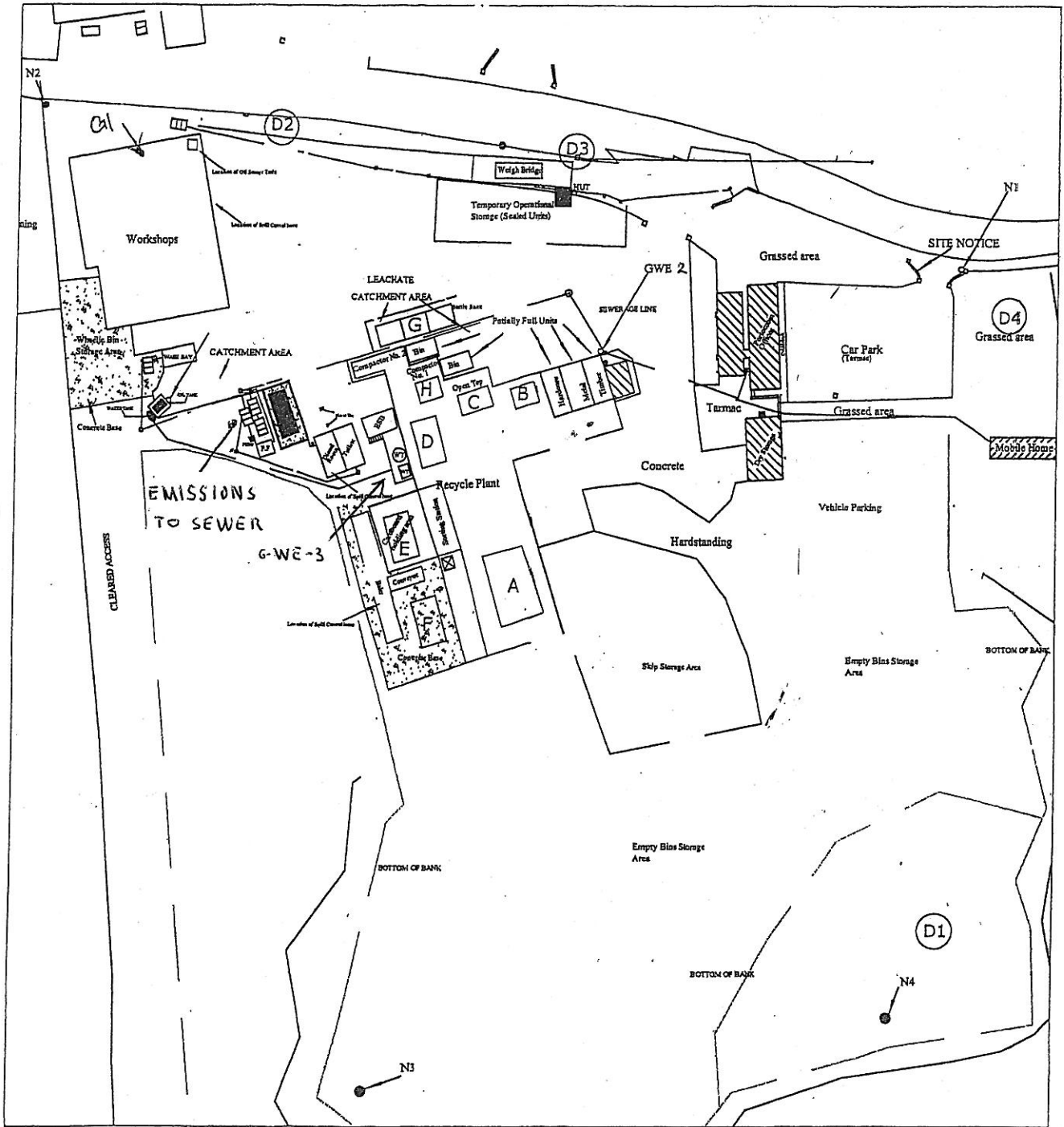
This training is completed on an ongoing basis with new employees joining the Company. The training includes General Site Health & Safety Regulations, Evacuation procedures, Fire Extinguisher Training, Manual Handling Training, PPE system, General Housekeeping etc. In addition to Health & Safety Training, Environmental Training is also included during induction.

### ***FETAC Certificate in Waste Management***

The Deputy Site Manager is due to complete this course in 2009.



**Appendix A: Map of Sampling Locations at  
Midland Waste Disposal Company EPA Reg. No.  
W0131-02**



### Monitoring Locations

Dust (D1, D2, D3, and D4)

Noise (N1, N2, N3, N4, N5, and N6)

Emissions to Groundwater

Groundwater (GW1)

**Appendix B: PRTR Returns Worksheet**

## AER Returns Worksheet

REFERENCE YEAR 2008

<b>1. FACILITY IDENTIFICATION</b>
Parent Company Name Midland Waste Disposal Company Limited
Facility Name Midland Waste Disposal Company Limited
PRTR Identification Number 1003
Licence Number 100131/02

Waste or IPPC Classes of Activity	No.	class name
	4.4	Recycling or reclamation of other inorganic materials.
		Use of waste obtained from any activity referred to in a preceding paragraph of this Schedule.
	4.11	Exchange of waste for submission to any activity referred to in a preceding paragraph of this Schedule.
	4.12	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.
	4.13	Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this Schedule.
	3.11	Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.
	3.12	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.
	3.13	Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).
	4.2	Transformation processes.
	4.3	Recycling or reclamation of metals and metal compounds.

Address 1 Clonmagadhan	
Address 2 Proudstown	
Address 3 Navan	
Address 4 Co. Meath	
Country Ireland	
Coordinates of Location 59600.000	
River Basin District IE-Eastern	
NACE Code 3832	
Main Economic Activity Recovery of sorted materials	
AER Returns Contact Name Uiré Cunniff	
AER Returns Contact Email Address uir@cunniff.ie	
AER Returns Contact Phone Number 045 9433005	
AER Returns Contact Mobile Phone Number 087 7697485	
AER Returns Contact Fax Number 045 981621	
Production Volume	0.0
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	0
User Feedback/Comments	
Web Address	

<b>2. PRTR CLASS ACTIVITIES</b>	
Activity Number	Activity Name
5c	Installations for the disposal of non-hazardous waste

<b>3. SOLVENTS REGULATIONS (S.I. No. 643 of 2002)</b>
Is it applicable? No
Have you been granted an exemption? No
If applicable which activity class applies (as per Schedule 2 of the regulations)?
Is the reduction scheme compliance route being used? No

ON-SITE TREATMENT & OFFSITE TRANSFERS OF WASTE

Transfer Destination	European Waste Code	Hazardous	Quantity T/yr	Description of Waste	Waste Treatment Operator	Method Used	Location of Treatment	Name and Licence / Permit No. of Recycler / Disposer / Broker	Address of Recycler / Disposer / Broker	Name and Address of Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)	Licence / Permit No. of Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
To Other Countries	15 01 01	No	495.0	Paper & Cardboard Packaging	R3	M	Onsite in Ireland	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY	Chermsot Park, Haggardstown, Dundalk, Co. Du.		
Within the Country	15 01 01	No	385.0	Paper & Cardboard Packaging	R3	M	Onsite in Ireland	Lensar Environmental Resources, W2004706	Ballymount Road, Ballymount, Dublin 12		
Within the Country	15 01 01	No	46.0	Paper & Cardboard Packaging	R3	M	Onsite in Ireland	Smurfit Kappa, WPR 02173	Wicklow, Wicklow, Co. Wick		
Within the Country	15 01 02	No	4.0	Plastic Packaging	R5	M	Onsite in Ireland	AES Tullamore, W0104-1	Chermsot Park, Haggardstown, Dundalk, Co. Du.		
Within the Country	15 01 02	No	40.0	Plastic Packaging	R5	M	Onsite in Ireland	Lensar Environmental Resources, W2004706	Chermsot Park, Haggardstown, Dundalk, Co. Du.		
Within the Country	15 01 02	No	29.0	Plastic Packaging	R5	M	Onsite in Ireland	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY	Chermsot Park, Haggardstown, Dundalk, Co. Du.		
Within the Country	15 01 04	No	7.0	Metallic Packaging	R4	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	15 01 07	No	21.0	Glass Packaging	R5	M	Onsite in Ireland	Glassco Recycling Ltd., WP 06250	Site 4, Oberstown Business Park, Naas, Co. Du.		
Within the Country	16 01 03	No	34.0	Tyres	R6	M	Onsite in Ireland	Waste Recycling Ireland Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	16 06 01	Yes	13.0	Lead Batteries	R5	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	17 01 01	No	3075.0	Concrete & Blocks	R10	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	17 01 07	No	120.0	Concrete & Blocks	R10	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	17 02 01	No	1385.0	Wood from CAD	R3	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	17 02 01	No	1189.0	Wood from CAD	R3	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	17 02 01	No	1282.0	Wood from CAD	R3	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	17 02 01	No	569.0	Wood from CAD	R3	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	17 02 01	No	127.0	Wood from CAD	R3	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	17 04 11	No	27.0	Cables	R4	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	17 05 04	No	15.0	Soil & Stone	R10	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	17 05 04	No	1529.0	Soil & Stone	R10	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	17 08 02	No	103.0	Plasterboard	R5	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	17 08 02	No	7.0	Plasterboard	R5	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	19 12 09	No	9395.0	CAD files	R10	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	19 12 09	No	3247.0	CAD files	R10	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	19 12 09	No	2096.0	CAD files	R10	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	19 12 09	No	17.0	CAD files	R10	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	19 12 12	No	6148.0	Mechanically Treated Mixed Wastes	D1	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	20 01 01	No	131.0	Newspprint	R3	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	20 01 01	No	163.0	Newspprint	R3	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	20 01 39	No	5.0	Plastic	R5	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	20 01 39	No	171.0	Plastic	R5	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	20 01 39	No	31.0	Plastic	R5	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	20 01 40	No	15.0	Metals	R4	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
To Other Countries	20 01 40	No	896.0	Metals	R4	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	20 01 40	No	656.0	Metals	R4	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	20 02 01	No	467.0	Biodegradable Waste	R3	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	20 02 01	No	297.0	Biodegradable Waste	R3	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	15 01 06	No	4555.0	Mixed Recyclables	R3	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	15 01 06	No	20.0	Mixed Recyclables	R3	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	15 01 06	No	15.0	Mixed Recyclables	R3	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	19 05 03	No	1654.0	Compost	R10	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		
Within the Country	19 05 03	No	2519.0	Compost	R10	M	Onsite in Ireland	Wilson Waste Recycling Ltd., W0146-2	Environ Waste Services Ltd. 11, Ballymore Crn. Brien, B54 1EY		