

Annual
Environmental
Report

Jan 2010 – Dec 2010

2010

MULLEADY'S LTD

Waste Management

Cloonaugh, Drumlish, Co. Longford, Eire

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EPA Licence: W0169-01

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Executive Summary

This is the eighth Annual Environmental Report (AER) produced for Mulleady's Ltd waste recycling and transfer station and has been compiled in accordance with the content requirements of Schedule G of Waste Licence W0169-01. The report is structured similar to the waste licence, with headings from Schedule G incorporated under the appropriate condition and clause number.

Progress has been made towards implementing the measures required by the licence particularly in the areas of infrastructure, waste acceptance and handling, daily site operational records and in the area of environmental monitoring. We did however have 2 fires at the facility, one on January 15th and one on December 10th 2007 which caused some major setbacks within the company but the company is now striving to fulfill its obligations under the waste licence and continues to continually improve processes and procedures. A New Shed (Recycling Shed No. 3) was constructed in October 2008 and was equipped with new recycling equipment during 2010. This will further increase the rate of recycling at Mulleady's Ltd.

Mulleady's implemented organic waste collection in July 2010, providing organic waste collection to Mulleady's customers.

1. Introduction and Site Description

1.1 Introduction

Licence Reference

Condition	Details
Condition 10 – Reports and Notifications	10.6 – The licensee shall submit to the Agency for its agreement, within thirteen months from the date of grant of this license, and one month after the end of each calendar year thereafter, an Annual Environmental Report (AER).
Schedule G	AER Content

The Annual Environmental Report (AER) for Mulleady's Ltd. waste recycling and transfer station includes where applicable the information specified in Schedule G of the Waste Licence, *Content of Annual Environmental Report*, in accordance with the EPA publication *Waste Licensing – Draft Guidance on Environmental Management Systems and Reporting to the Agency*.

1.1.1 Waste Licence Register Number

The Waste Licence Register Number is W0169-01

1.1.2 Name of Operator, Name and Address of Facility

Mulleady's Ltd
Cloonaugh
Drumlish
Co. Longford

1.1.3 Reporting Period

The reporting period for the purposes of this AER refers to January 2010 to December 2010.

1.2 Site description

1.2.1 Local Environmental Conditions

The waste recycling and transfer station is located in the townland of Cloonaugh, Drumlish, Co. Longford. The facility is known and operates as Mulleady's Ltd. The site is located 5 km from Longford Town (main population centre in Co. Longford) and 1km from Drumlish village on the R198. The land use in the area is predominantly agricultural with a mainly livestock pasture surrounding the facility.

1.2.2 Soil and Geology

Old Red Sandstone and volcanic rocks are dominant in the Drumlish-Cloonaugh area. The surrounding soil type is generally fertile with low fertiliser requirements.

1.2.3 Groundwater and Hydrogeology

Mulleady's Ltd. site is not located over a regionally or locally classed aquifer. There is one monitoring well on the site. Mulleady's Ltd. facility is presently served by Longford County Council public water supply. There are no large-scale groundwater abstraction points in the vicinity of the site although there are a number of domestic wells currently in use in the area.

1.2.4 Site Area

The waste recycling and transfer station at Cloonaugh, Drumlish, Co. Longford occupies an area of 8.83 acres (3.57 hectares).

1.2.5 Waste Activities On-Site

Mulleady's Ltd. are licensed to accept solid non-hazardous wastes only. The waste types that were accepted at this facility include household, commercial, industrial and construction and demolition wastes. No hazardous, except small amounts of household hazardous wastes (fridges, batteries, waste oil and fluorescent tubes) were accepted at the facility. No liquids were accepted at the facility.

The site consists of Recycling Shed No. 1, Recycling Shed No. 2, Recycling Shed No.3 a Fines Storage Shed and concrete storage bays.

Recycling Shed No. 1 deals with incoming mixed waste loads. Large recyclable items such as clean cardboard, plastic, metal and timber are removed from incoming skips. Refuse collection lorries also empty in this shed into the waste inspection area. The waste from general refuse collections and the remaining material from the sorted skips is passed through a shredder and then through a trommel where fines material < 50mm is removed and conveyed to the fines storage shed prior to loading and transportation off-site to a reputable licenced / permitted treatment facilities agreed in writing with the Agency.

The oversize material from the shredded and trommelled waste is dropped loose to the ground where a grab takes this material and compacts it into an ejector trailer prior to transportation off-site to the landfill.

Any waste loads containing unacceptable wastes as per our 'unacceptable waste list', is stored in the waste quarantine area prior to disposal at the appropriate facility or to be taken back by the contractor responsible.

Recycling Shed No. 2 deals with dry recyclables. All separately collected and delivered recyclables undergo final segregation, baling and storage in Recycling Shed No. 3 prior to transportation off-site to a reputable recycler. A picking station deals with mixed dry recyclables from mixed dry recyclables collections from domestic collections and commercial / industrial collections.

The Fines Storage Shed is used for the storage of fines prior to loading into tipping trailers for transportation off-site to a reputable treatment facility.

The quantity of waste accepted into the facility during this reporting period was 19173.280 Tonnes in 2010 (21389.95 tonnes in 2009).

2. Management of the facility

Licence Reference

Condition	Details
Condition 2 Management of the Facility	2.1 Facility Management
	2.2 Management Structure
	2.3 Environmental Management System
	2.4 Communications

2.1 Facility management

The site is operated by Mulleady's Ltd. Details of the management structure during 2010 was as follows:

2.2 Management structure

Managing Director – Anthony Mulleady
Environmental Manager – Ludmila Gabrisova
Facility Supervisor / Facility Deputy – Oliver Sweeney
Deputy Facility Supervisor – Pat Kelly
Yard Supervisor – Vytaustas Syzuis

2.3 Environmental Management System

Submitted to the Agency for agreement on February 28th 2004. An Environmental Management System was introduced to the site in February 2004. This system was developed as part of the overall Environmental Management Programme and included the development of:

- A register of Environmental information; containing all correspondence to and from the Agency, including plans and reports.
- Site Operating Procedures
- Environmental Policy
- All monitoring records
- Waste acceptance docketts
- Incident Reports
- Complaints Reports

- Nuisance Inspection Daily Report Sheets
- Drainage Inspection Sheets
- Daily Plant Washdown Records
- Surface Water Daily Checks
- Monthly Waste Figures
- Once off-reports submitted to the Agency
- Training Modules

2.3.2 Environmental Management Plan

An environmental management plan (EMP) was developed for the facility. The Environmental Management Plan developed over this reporting period can be seen in Appendix 2. The objective of the EMP is to act as the site manual, which will assist the site in achieving its objectives and targets and licence compliance during the current and future operation of the site.

2.3.2.1 Schedule of Objectives and Targets for the Forthcoming Year

The schedule of proposed Environmental Objectives and Targets for 2011 are outlined in Appendix 1.

2.3.2.2 Report on the progress towards achievement of the Environmental Objectives and Targets for 2010

The summary table of the progress towards the achievement of objectives and targets for the reporting period is included in Appendix 2. The status of the objectives and targets are outlined in this summary. 4 new objectives have been set for 2011.

2.3.2.3 Environmental Procedures

In summary 14 procedures were operational as part of the EMP during the reporting period and are outlined below. Each procedure has a corresponding reference number and is retained on file at the site office. The EMS was submitted to the Agency on February 28th 2004.

Waste Rejection Procedure – MULL/SOP/003 – Waste as not acceptable in the licence is rejected when discovered and then the rejected load held in the waste quarantine area until arrangements are made for suitable disposal.

Unacceptable Waste List – MULL/SOP/004 – A list of unacceptable waste types was devised detailing wastes not accepted at the facility.

Nuisance / Housekeeping Inspection Procedure – MULL/SOP/006 – Inspections of a minimum of a daily basis of the site and immediate surrounds are carried out and recorded to ensure nuisances are minimised.

Monitoring Procedure – MULL/SOP/008 – All monitoring points and equipment are maintained and operated to enable monitoring to be carried out at the required frequencies. Monitoring results are analysed and any corrective action carried out. Results and interpretative reports are forwarded to the Agency in accordance with schedule E. Records, results are held at the facility office.

Environmental Incident Investigation Procedure – MULL/SOP/012 – An incident is identified as an exceedance of emissions trigger levels, equipment breakdown, minor spills, discharge to surface water course. Relevant authorities notified within required timescale, with a written report on cause, response and corrective action.

Environmental Complaints Procedure – MULL/SOP/014 – A log of complaints received is maintained on site with a procedure for details to be documented on receipt of any environmental complaint. The cause and corrective action for each complaint is monitored by the Environmental Manager.

Drainage Inspection Procedure – MULL/SOP/016 – Weekly site inspections are carried out by the Yard Supervisor, documented and corrective action carried out where required.

Environmental Non-Compliance Procedure – MULL/SOP/019 – In the event of receiving notification on non-compliance with the waste licence, the Environmental Manager has the responsibility of determining the reason(s) why the requirements were not met, plan how to correct non-compliance, implement and/or correct any changes and procedures.

Environmental Objectives & Targets – MULL/EMS/003 – Environmental Objectives and Targets are identified for the site and recorded and actioned throughout the life of the site.

Environmental Training Procedure – MULL/EMS/005 – Training needs are established to ensure that all relevant personnel receive appropriate training in relation to the licence conditions and requirements, roles and responsibilities and environmental effects of work activities.

Emergency Response Procedure – MULL/EMS/009 – An emergency situation is identified as a fire/explosion, significant spillage or equipment breakdown. Arrangements for dealing with an emergency are in place. The control of operations in an emergency response is the responsibility of the Environmental Manager.

Document Control – MULL/EMS/013 – All documentation pertaining to the site's activities is maintained on site. All records and reports as set out in Schedule E of the licence are maintained and forwarded to the Agency at the required frequencies.

Records Management Procedure – MULL/EMS/016 – All records pertinent to the support and maintenance of the EMS are maintained. The Environmental Manager will ensure that all documentation pertinent to this EMS is adhered to.

Chemical Spill Handling Procedure – MULL/EMS/019 – All preventative measures are taken to prevent spills through regular inspections, monitoring of employees handling techniques and providing staff with information.

2.4 Communications

A communications procedure, waste acceptance, waste handling and daily surface water visual check sheet were developed in 2003.

Communication of information pertaining to the site is made available to the public.

One leaflet on site activities and services was published and distributed to members of the local community during 2003. These leaflets are available to the public at the facility office. A website on the facility and services the company offer was set up in 2006. Also an annual newsletter was set up and is available to the public at the facility office since April 2006.

3. Facility infrastructure

Licence Reference

Condition	Details
Condition 3 Facility Infrastructure	3.1 – Facility Entrance
	3.2 – Facility Notice Board
	3.3 – Facility Security
	3.4 – Facility Surfaces and Site Surfaces
	3.5 – Facility Office
	3.6 – Waste Inspection and Quarantine Area
	3.7 – Waste Handling, Ventilation & Processing Plant
	3.8 – Wastewater / Sewage Collection
	3.9 – Surface Water Collection
	3.10 – Vehicle Wash Area
	3.11 – Tank and Drum Storage Areas
	3.12 – Drainage System, Pipeline Testing
	3.13 – Monitoring Infrastructure

Report on Development works undertaken during the reporting period

3.1. Facility Entrance

The facility entrance was opened November 10th 2003. Access to the facility through new entrance also took place from that date.

3.2. Facility Notice Board

The facility notice board was erected on December 11th 2003.

3.3. Facility Security

The post and chain link fence was erected in March 2004. Temporary fencing exists between Mulleady's Ltd. and an adjacent farmer where land reclaiming measures still have to be completed.

The reinforced concrete post and concrete panel with timber infill panel which separates the site from Longford Precast was erected in November 2004. A dividing wall was erected between Longford Precast Ltd. and Mulleady's Ltd. in June 2005 and an area located on the south of site was concreted in September 2005.

An entrance barrier was installed and operational since September 2006. It has greatly increased traffic management within the facility. Mulleady's Ltd. employees use a swipe card and customers using the civic amenity site use barrier coins to exit through barrier. The barrier is on a timer which allows entry to the facility from 8 am through to lunchtime. Between 1 and 1:45 pm the facility is closed for lunch. At 1: 45 pm the barrier is reactivated and customers can access the site until 5 pm.

3.4. Facility Surfaces and Site Roads

The areas where waste vehicle movement and waste receptacle storage areas are concreted since May 2004. The facility entrance was concreted during March 2006. In the event of any minor oil seepages from lorries or trailers an oil spill detergent kit that removes hydrocarbon and liquid paint spills from road surfaces was purchased. This solution is diluted and sprayed on to the spill where it can be harmlessly washed away after use. This clean up measure was commenced in November 2005. In November 2005 special oil collecting 'Bio Tubes' were added to the interceptor in the main yard area (1 bio tube) and into the class 1 interceptor (2 bio tubes) so that when any oils that may spill in the general yard area are washed into the surface water line, these pillows will absorb the oil and biologically break it down before release. These 'Bio Tubes' are replaced annually.

3.5. Facility Office

The new facility office is in operation since November 10th 2003.

3.6. Waste Inspection and Quarantine Areas

Waste Inspection areas are set up in 2003 and labelled in 2004. Waste Quarantine areas are set up in 2003 and labelled during 2004.

3.7. Waste Handling, Ventilation and Processing Plant

The duty and standby capacity in tonnes per day of the waste handling and processing equipment used at the facility was submitted to the Agency on November 6th 2003.

3.8. Wastewater / Sewage Collection

Wastewater collection system completed in February 2004.

High Level alarm was installed in November 2003 in the wastewater collection tank.

All sewage generated at the facility and run-off from the weighbridge is collected and treated at the on-site sewage treatment system since December 22nd 2003.

3.9. Surface Water Collection

Surface Water Collection System completed in March 31st 2004. Shut-off valve in place since August 2004.

3.10. Vehicle Wash Area

Installation of vehicle wash closed loop recycling system completed on February 7th 2004 and vehicle wash area is drained to the waste water collection system since February 25th 2004

3.11. Tank and Drum Storage Areas

A hazardous storage area was provided for hazardous waste found within waste loads coming in to the site. A bunded box has been supplied by Returnbatt Ltd. for the collection of batteries and a bunded tank has been provided for the collection of any waste oil found within waste on inspection. A box has been supplied by Atlas Environmental for the storage of fluorescent tubes. Gas cylinders are stored in a skip in the hazardous storage area. The storage of fluorescent tubes, batteries and waste oils were moved to the Civic Amenity Area in June 2005. Gas cylinders remain in the old hazardous waste storage area.

3.12. Drainage System / Pipeline Testing

Marking of manholes was carried out on site manholes. Surface water painted blue, wastewater painted red, sewage line painted yellow and ESB ducting line painted green during this reporting period. This procedure is ongoing.

3.13. Storage Tank Certification

All tanks were certified and inspected in February 2004.

3.14. Labelling of Sampling and Monitoring Points

Sampling and Monitoring Points labelled since March 31st 2004

3.15. Landscaping Programme

Landscaping Programme submitted to the Agency on October 27th 2004. The area on the right hand side along the entrance to the site has been leveled and seeded since summer 2004. During 2005 the left hand side of the entrance road was leveled and seeded. Planting of trees and shrubs along both sides of the entrance to the facility were carried out during April and May of 2006.

3.16. Dust and Odour Control in Waste Transfer Buildings

Dust and odour control measures are in place in Recycling Shed No. 1, Recycling Shed No. 2 and the Fines Storage Shed since February 7th 2004.

Localised dust and odour suppression units at the waste shredder and trommel units were provided by May 7th 2004.

These units were destroyed in the facility fire which occurred on December 10th 2007, replaced Mid 2009.

3.17. Access to Monitoring Points at the Facility

Safe access to sampling and monitoring points are provided within the site area itself for any samples required to be taken within the site area

3.18. Monitoring Infrastructure

The groundwater well is maintained for use for abstraction of groundwater samples and has been garded with a steel railing and gate since November 15th 2004.

Monitoring points are now labelled where possible for the collection of samples.

3.19. Bird Control Measures

Bird Control Measures are provided on the site since March 15th 2004. Upgraded bird control measures were part of the objectives and targets for 2009 (see project number 75). A New system of audio bird control was set up and operational during September 2009.

4. Facility operations

Licence Reference

Condition	Details
Condition 4 Facility Operations	4.1 Waste Processing
	4.2 Waste Acceptance and Characterization
	4.3 Operational Controls
	4.4 Composting Operations
	4.5 Compost Quality / Use
	4.6 Off-Site Disposal and Recovery
	4.7 Civic Waste Facility
	4.8 Waste Storage
	4.9 Wastewater Management
	4.10 Maintenance
	4.11 Landscaping

Report on Facility Operation during the Reporting Period

4.1. Waste Processing

All waste processing was carried out indoors.

4.2. Waste Acceptance and Characterization Procedures

Waste acceptance and characterization procedures in place since September 7th 2003.

Waste loads were inspected upon tipping.

A record of all inspections of incoming waste loads are maintained.

4.3. Operational Controls

The floor of the transfer station was swept daily using manual brushing and a roadsweeper with water jets for washing. Plant was cleaned off using manual brushing.

Adequate lighting was in place at the facility since November 7th 2003.

4.4. Composting Operations

Composting operations were not carried out in this reporting period.

4.5. Compost Quality / Use

Not applicable during this reporting period.

4.6. Off-site Disposal and Recovery

Waste loads sent off-site for recovery or disposal are conveyed by a permitted waste carrier agreed in writing with the Agency. All waste transferred from the facility was transferred to a facility that was agreed in writing with the Agency.

4.7. Civic Waste Facility

A civic amenity facility was set up in June 2005. The amount of people using this facility is approximately 55 to 70 cars per day with increases on Fridays, bank holidays and during the Christmas period. The items accepted on this site are general household waste, timber, glass, green waste, batteries, metal, fluorescent tubes, waste oil, plastics, paper, cardboard, aluminium cans, food cans, textiles and white goods. Longford County Council has approved this civic amenity facility as an outlet for WEEE, and in turn the public are bringing in white goods into the Civic Amenity facility free of charge since August 2005. White goods accepted at the site are fridges, cookers, washing machines, dryers, televisions, videos, microwaves and small electrical goods. Since the WEEE Directive was implemented this facility for the public is proving very popular. This facility has also diverted traffic from Recycling Shed No. 1 which increases public safety on the site.

4.8. Waste Storage

Baled and wrapped low density plastic, baled and wrapped plastic bottles, baled tetra pak, mixed timber, mixed glass, tyres and white goods at civic amenity were stored outside during the reporting period.

4.9. Waste water Management

There were 12 wastewater shipments to Longford Wastewater Treatment Plant in 2010.

Civil works to wastewater tank were completed in February 2004.

4.10.Maintenance

All waste handling plant was maintained in accordance with the manufacturers instructions.

4.11.Landscaping

The existing hedgerow network that forms the boundary of the facility was retained.

The grass area on the right along the entrance was leveled and seeded during 2004 and in 2005 the left hand side of entrance was leveled and seeded.

Planting of trees and shrubs along the entrance road was carried out during A

A landscaping programme for the facility was submitted to the Agency on October 27th 2004.

5. Emissions

Condition	Details
Condition 5 Emissions	5.1 Emission Limits
	5.2 Emissions to Surface Water
	5.3 Disposal of Wastewater
	5.4 Wastewater Tankered to Wastewater Treatment Plant.

Report of Facility Emissions during the Reporting Period

5.1. Emission Limits

There were no exceedances of the waste licence emission limits.

5.2. Emissions to Surface Water

Surface water discharge from the facility is via two silt traps and two oil interceptors one of which is Class 1 as required by the licence. In November 2005 a preventative pollution method involving an oil collection pillow was added to the surface water interceptors. These are bio tubes which contain a blend of oil digesting bacteria and digest up to 2 kg of oil per week. Two bio tubes were lowered into the Class 1 interceptor into 2 different chambers and 1 into interceptor number 1 into the last chamber. These are changed annually.

5.3. Disposal of Wastewater

No wastewater was discharged to the surface water stream.

5.4. Wastewater Tankered to Wastewater Treatment Works

There were 12 consignments (303390 Litres) of wastewater to Longford Treatment Works in 2010.

6. Nuisance Control

Condition	Details
Condition 6 - Nuisance Control	6.1 Litter Control
	6.2 Dust Control
	6.3 Odour Control
	6.4 Vermin Control

6.1. Litter Control

The road network in the vicinity of the facility and all facility roads and surfaces were kept free from debris from vehicles entering and leaving the facility. All litter was removed without delay. Litter picking was carried out daily and as required

6.2. Dust Control

Waste loads were dealt with inside Recycling Shed No. 1 to avoid dust nuisance. Dust control equipment in place since February 7th 2004.

In dry weather, site roads were sprayed with water when it was required to minimise airborne dust nuisance. A sprinkler system was commissioned along the facility entrance in August 2005. This sprinkler is turned on and off as required and is proving very useful during dry and dusty conditions on the entrance road. A localised dust suppression unit was set up in Recycling Shed No. 1 to spray over dusty and bad smelling loads in the waste inspection area. As a result of the fire on-site on December 10th 2007 a new full dust suppression system will need to be set up in Recycling Shed 1. Completed in July 2010.

6.3. Odour Control

All wastes that were stored overnight at the facility were suitably covered so as to avoid generation of odours at the facility.

6.4. Vermin Control

There are 10 bait points set up around Recycling Shed No. 1, Recycling Shed No. 2, Recycling Shed No.3 and the Fines Storage Shed. Monthly inspections were carried out by Paddy Dowd Pest Control Services during this reporting period.

Daily visual inspections for the presence of vermin were also carried out on-site.

7. Monitoring

Condition	Details
Condition 7 Monitoring	7.1 Noise Monitoring
	7.2 Surface Water Monitoring
	7.3 Groundwater Monitoring
	7.4 Air Quality Monitoring (Dust)
	7.5 Treated Sewage
	7.6 Wastewater
	7.7 Nuisance Monitoring (Vermin Control)

7.1. Noise Monitoring

Three noise monitoring locations were identified and agreed with the Agency in November 2003. These include N1 (outside between Recycling Shed No. 1 and Recycling Shed No. 2), N2 (Reilly residence) at the north east of the facility and N3 (Mc Keon residence) at the south west of the facility.

Noise monitoring was conducted daytime on 29/06/10 for at points N1, N2 and N3 for parameters as required under Schedule D.3 of the Waste Licence.

Monitoring Point	L (Aeq,30 min)	L (A10, 30 min)	L (A90, 30 min)
N1	71 dBA	78.5 dBA	63 dBA
N2	56.9 dBA	61.3 dBA	41.4 dBA
N3	51.6 dBA	46.8 dBA	39.8 dBA

N1 – Noise from processing plants within Recycling Sheds and external equipment.

N2 – Noise environment dominated by passing traffic along R198. Noise from reversing beepers in Recycling and transfer facility.

N3 - Occasional local traffic. Noise from traffic along R198. Noise from Concrete Plant. Noise from reversing beepers.

The noise climate of the locality can be described as rural, with dominant sources limited to passing traffic. Noise sources at the transfer station are attributed to transfer station plant machinery and incoming waste traffic.

7.2. Surface Water

In 2010 the monitoring of surface water was carried out in accordance with Schedule D4 of the waste licence.

Daily visual inspections are carried out on the surface water points SD-1 (Discharge Pipe), SW-1 (Surface Water Upstream – 10 metres upstream) and SW-2 (Surface Water Downstream – 10 metres downstream).

During this reporting period three set of results were obtained for SD-1, SW-1 and SW-2 for samples taken. All test results were in compliance with there surface water limits.

Quarterly surface water monitoring report for first quarter 2010 was not submitted due to an over site on our behalf. Explanatory letter was submitted to EPA on May 18th 2010.

Second Quarter – 2010

Sample Taken – May 4th 2010

Parameter	Surface Water Monitoring Results		
	SD-1	SW-1	SW-2
pH (pH units)	8.35	8.34	8.33
Chemical Oxygen Demand (mg/l)	32	23.7	22.7
Biological Oxygen Demand (mg/l)	1.85	1.81	1.95
Electrical Conductivity (mS/cm)	0.317	0.313	0.314
Suspended Solids (mg/l)	3	3.5	81.5
Ammonical Nitrogen (mg/l)	0.761	0.313	0.293
Mineral Oils (ug / l)	<10	<10	<10

Third Quarter – 2010

Sample Taken – September 13th 2010

Parameter	Surface Water Monitoring Results		
	SD-1	SW-1	SW-2
pH (pH units)	7.97	8.28	8.34
Chemical Oxygen Demand (mg/l)	40.4	36.7	34.7
Biological Oxygen Demand (mg/l)	3.35	1.07	<1
Electrical Conductivity (mS/cm)	0.594	0.303	0.367
Suspended Solids (mg/l)	4.5	<2	<2
Ammonical Nitrogen (mg/l)	1.05	<0.281	<0.200
Mineral Oils (ug / l)	<10	<10	<10

Fourth Quarter – 2010

Sample Taken – November 15th 2010

Parameter	Surface Water Monitoring Results		
	SD-1	SW-1	SW-2
pH (pH units)	8.36	8.36	8.32
Chemical Oxygen Demand (mg/l)	37.8	30.1	30.5
Biological Oxygen Demand (mg/l)	1.79	<1.00	<1.00
Electrical Conductivity (mS/cm)	0.635	0.31	0.409
Suspended Solids (mg/l)	7.5	<2.00	2.00
Ammonical Nitrogen (mg/l)	1.27	<0.200	<0.200
Mineral Oils (ug / l)	54.2	<10	103

7.3. Groundwater

In 2010 the monitoring of groundwater water was carried out in accordance with Schedule D8 of the waste licence.

During this reporting period two set of results were obtained for groundwater point GW-1. The tables below summarise the results. All test parameters were in compliance with their waste licence limits.

First Bi-Annual – 2010

Sample Taken – June 14th 2010

Ground Water Monitoring Results	
Parameter	GW-1
Ammonia (mg/l)	0.251
Mineral Oils (ug / l)	>46

Second Bi-Annual – 2010

Sample Taken – September 13th 2010

Ground Water Monitoring Results	
Parameter	GW-1
Ammonia (mg/l)	<0.2
Mineral Oils (ug / l)	<10

7.4. Dust

In 2010 the monitoring of dust levels was carried out in accordance with Schedule D.2 of the waste licence.

During this reporting period three set of results were obtained for dust.

Standard method VDI12119 (Measurement of Dustfall, Determination of Dustfall using Bergerhoff Instrument (Standard Method) German Engineering Institute) was utilized for analysis.

Dustfall measurements were taken twice during the period May to September. Sampling points were reduced to three with the agreement of the Agency (D2 was excluded as results from this point are not re-representative of the waste facility.) No exceedance of licence limit was recorded within monitoring period.

Dust Monitoring – No. 1 – 2010

Sample Taken – July 6th 2010 –No non compliances.

Parameter	Dustfall Results		
	D1	D3	D4
Gravimetric Analysis (mg/m ² /day)	32.2	19.4	31.7

Dust Monitoring – No. 2 – 2010

Sample Taken – October 26nd 2010. – No non compliances.

Parameter	Dustfall Results		
	D1	D3	D4
Gravimetric Analysis (mg/m ² /day)	93.9	17.8	27.8

Dust Monitoring – No. 3 – 2010

Sample Taken – November 16th 2010 – No non compliances.

Parameter	Dustfall Results		
	D1	D3	D4
Gravimetric Analysis (mg/m ² /day)	56.6	18.2	6.6

7.5. Treated Sewage

In 2010 the monitoring of treated sewage was carried out in accordance with Schedule D.6 of the waste licence.

During this reporting period one set of results was obtained for treated sewage.

Annually – 2010

Sample Taken – September 13th 2010

	Treated Sewage Emissions to Percolation Area
Parameter	SG-1
pH (pH units)	7.85
Biological Oxygen Demand (mg/l)	3.41
Suspended Solids (mg/l)	4
Total Ammonia (mg/l)	1.76
Nitrate (mg/l)	29.5

7.6. Wastewater

There were 12 shipments of wastewater to Longford Sewerage Works in 2010.

7.7. Vermin Control

Paddy Dowd Pest Control Services called on a monthly basis to service the 10 bait points surrounding Recycling Shed No. 1, Recycling Shed No. 2, Recycling Shed No.3 and the Fines Storage Shed.

Daily visual checks for vermin were carried out during this reporting period.

8. Contingency Arrangements

Condition	Details
Condition 8 Contingency Arrangements	8.1 Environmental Incidents
	8.2 Environmental Complaints
	8.3 Emergency Response Procedures

Report of Contingency Arrangements for the Reporting Period

8.1. Environmental Incidents - 2010

There were no environmental incidents during this reporting period.

8.2. Environmental Complaints - 2010

There were no environmental complaints during this reporting period.

8.3. Emergency Response Procedures

An emergency response team was formed during 2004. During 2004 period a fire assembly point located at the end of the canteen on the side facing the transfer buildings. Spill Kits have also been provided for the clean up of any accidental spillage that may occur on site. Spill kit located in Civic Amenity Site during 2005. The emergency response procedure defines the actions taken by the emergency response team in the event of a fire evacuation, accidental spillages of hazardous material and breakdown of environmental control equipment. The main focus of this procedure is to initiate the correct action to minimise injury to personnel and damage to the plant until the arrival of the emergency services.

There are currently three people on the Emergency Response Team:
Mr. Anthony Mulleady (Managing Director)
Miss Ludmila Gabrisova (Environmental Manager)
Mr. Ollie Sweeney (Facility Supervisor)
Mr. Pat Kelly (Facility Deputy)

9. Records

Condition	Details
Condition 9 Records	9.1 Documents at Facility Office
	9.2 Waste Load Records
	9.3 Other Written Records at Facility Office
	9.4 Complaints
	9.5 Wastewater Consignments
	9.6 Civic Waste Records

Report on Documents Present During the Reporting Period

9.1. Documents at Facility Office

In 2009 the following documents were kept at the facility office:

Waste Licence
EPA Submissions Folder
Unacceptable Waste List
Nuisance / Housekeeping Records
Monitoring Records
Environmental Incidents Records
Environmental Complaints Records
Drainage Inspection Records
Environmental Objectives & Targets
Environmental Training Records
Emergency Response Documents
Communications Procedure
Waste Acceptance and Handling Procedures
Surface Water Check Sheets
Plant daily cleaning Check Sheets
Environmental Training Modules

9.2. Waste Load Records

Waste records are stored at the facility office which has been in operation since November 10th 2003. A new weighbridge computer package was installed for computerised weighbridge transactions on November 10th 2003. In 2005 some outgoing loads were pre-weighed the evening before departure the next morning. An Avery Berkel Bridgemont system whereby drivers can key in their weights and

generate tickets was installed during December 2005 but was not in operation during this reporting period.

9.3. Additional Written Records at the Facility Office

Monthly reports on incoming and outgoing waste loads are filed at the facility office.

9.4. Complaints

There was one complaint during this reporting period. Complaint information is stored at the facility office.

9.5. Wastewater Consignments

There were 12 wastewater consignments (303390 Litres) during 2010 to Longford Sewage Treatment Works.

9.6. Civic Waste Records

The Civity Amenity site opened in June 2005. The accepted materials are cardboard, newspapers and magazines, plastic bottles, plastic film, steel cans, aluminium cans, green waste, metal, timber, white goods, all electrical goods, textiles, batteries, fluorescent tubes, general mixed waste and waste oils. At the end of each day the skips from the civic amenity site are emptied into either Recycling Shed No. 1 or Recycling Shed No. 2 depending on the material type. A record of all these skips and of any other collections of materials from this site i.e textiles, waste oil, batteries etc. were recorded during this reporting period.

10. Reports and notifications

Condition	Details
Condition 10 Reports and Notifications	10.1 Reporting to the Agency
	10.2 Incident Reporting
	10.3 Restoration and Aftercare
	10.4 Waste Recovery Report
	10.5 Monitoring Locations
	10.6 Annual Environmental Report

Report on Reports and Notifications to the Agency

10.1. Reporting to the Agency

All copies of environmental data and prescribed reports obtained and prepared on behalf of the licensee were forwarded to the Agency. Copies of reports and correspondence are retained at Mulleady's Ltd. facility office. Waste records were retained in the site office.

10.2. Incident Reporting

During the reporting period there were no incidents.

10.3. Restoration and Aftercare

Decommissioning and Aftercare Plan submitted to the Agency on September 27th 2004.

10.4. Waste Recovery Report

The Waste Recovery Report was submitted to the Agency on September 29th 2004.

10.5. Monitoring Locations

A scaled drawing showing all the monitoring locations that are stipulated in the licence including reference code of each monitoring point were submitted to the Agency on November 6th 2003 and have been agreed.

10.6. Annual Environmental Report

This is the eighth Annual Environmental Report to be submitted to the Agency since the issue of Waste Licence W0169-01 to Mulleady's Ltd. This document reports the environmental details of the company from January to December 2010. The next Annual Environmental Report will be reporting on the period January to December 2011.

11. Changes and financial provisions

Condition	Details
Condition 11 Charges and Financial Provisions	11.1 Financial Provision for Closure, Restoration and Aftercare

Report for Financial Provision for this Reporting Period

11.1. Financial Provision for Closure, Restoration and Aftercare

An independent third party risk assessment of the facility was carried out and submitted to the Agency in May 2004.

12. Waste Acceptance

The Agency under Section 40 (1) of the Waste Management Act, 1996 granted this Waste Licence to Mulleady's Ltd. to carry out the waste activities listed below at the waste recycling and transfer station in Cloonaugh, Drumlish, Co. Longford.

Licensed Waste Disposal Activities, in accordance with the Third Schedule of the Waste Management Act 1996

Class 11: Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this schedule (This activity is limited to the bulking and transfer of waste at the facility).

Class 12: Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule (This activity is limited to the bulking and transfer of waste at the facility).

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 (This activity is limited to the storage of wastes at the facility prior to movement off-site for disposal).

Licensed Waste Recovery Activities, in accordance with the Fourth Schedule of the Waste Management Act 1996

Class 2: Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes (This activity is limited to composting biodegradable wastes at the facility).

Class 3: Recycling or reclamation of metals and metal compounds (This activity is limited to the collection of metals at the facility for recovery)

Class 4: Recycling or reclamation of other inorganic materials (This activity is limited to the collection of inorganic wastes at the facility (e.g. waste glass, construction and demolition wastes).

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 (This activity is limited to the storage of wastes at the facility prior to removal off-site for recovery).

From January to December 2009 waste records were maintained on paper file. From November 10th 2003 all waste figures were recorded on a computer system linked to the weighbridge and a corresponding computer printout was generated. From January 1st to December 31st 2005 all waste figures were maintained on computer files. In June 2009 an updated version of our computer weighbridge recording system was in operation. This is resulting in continual improvement of our data recording and invoicing system. The following details were recorded and retained at the site office:

- Docket Number
- Vehicle Registration / Trailer Number
- Driver
- Customer
- Waste Permit / Waste Licence Details – Where applicable
- Waste Collection Permit No. – Where Applicable
- Incoming Waste Load Inspections
- Weight In
- Weight Out
- Nett Weight
- Time In
- Time Out
- Driver Signature
- Weighbridge Operator Signature

Wastes that were delivered to the site were initially weighed and inspected in Recycling Shed No. 1 or Recycling Shed No. 2. These inspections were carried out mainly by the Facility Supervisor, the Deputy Facility Supervisor, Environmental Manager.

Waste Figures – January 2010 to December 2010		
Incoming Waste		
Waste Type	EWC Code	Weight (Tonnes)
Wheelie Bins and Bags	20 03 01	7326.630
Mixed Dry Recyclables	20 03 01	2713.670
Kitchen waste	20 01 08	120.440
Mixed Commercial and Domestic Waste	20 03 01	1143.010
Construction and Demolition Waste	17 09 04	792.100
Street Cleaning Waste	20 03 03	142.340
Industrial Waste	20 03 01	724.320
Commercial Waste	20 03 01	498.300
General House Clearance	20 03 01	1631.650
Plastic	20 01 39	87.440
Cardboard	20 01 01	588.640
Paper	20 01 01	463.940
Glass	20 01 02	1798.660
Metal	20 01 40	110.900
Wood	03 01 05	198.300
Miscellaneous Recyclables	20 03 01	704.740
Tyres	16 01 03	63.000
Aluminium Cans	15 01 04	36.930
WEEE	20 01 36	28.270
Total		19173.280 Tonnes

Waste Figures – January 2010 to December 2010		
Outgoing Waste		
Waste Type	EWC Code	Weight (Tonnes)
Waste	19 12 12	4082.950
Mixed commercial and industrial waste untrrommeled	20 03 07	3968.430
Kitchen Waste	20 01 08	94.960
Waste Fines	19 12 12	3470.530
Cardboard	19 12 01	1053.160
Newspaper & Magazines	20 01 01	1336.100
Office Paper	20 01 01	516.120
Ldpe Plastic	20 01 39	678.300
Plastic Bottles	20 01 39	371.16
Hard Plastic	20 01 39	117.560
Metal	20 01 40	668.040
Steel Cans	19 12 02	108.60
Aluminium Cans	20 01 40	39.560
Glass	20 01 02	1758.410
Mixed Dry Recyclables	20 03 01	311.450
Wood	20 01 38	433.72
Textiles	20 01 11	19.180
WEE Recycled	20 01 36	125.110
Batteries	16 06 01	7.390
Fluorescent Tubes	20 01 21*	1.160
Copper	17 04 01	1.120
Cable	17 04 11	7.700
Bulbs	20 01 21	0.620
Plasterboard	17 08 02	44.620
C&D Waste (Mulleady's Yard Fill)	17 01 07	159.700
Gas Cylinders	16 05 05	0.580
Total		19376.230 Tonnes

Waste Recovery Report – January to December 2009	
Waste Landfilled	8051.380 Tonnes (42%)
Dry Recyclables Recycled	7759.360 Tonnes (40%)
Waste Fines Stabilised	3565.490 Tonnes (18%)
Total	19376.230 Tonnes (100%)

The estimated intake of waste for 2011 is 25,000 tonnes.

13. Energy and Resource Consumption

The amount of energy consumed by Mulleady's Ltd. from January to December 2010 was 328,900 kW hours (meter readings from ESB).

The amount of water consumption at the facility from January to December 2010 was 2786 m³.

Appendix 1

Mulleady's Ltd.

Objectives & Targets – 5 Year Targets

Project No.	Objective	Waste Licence 169-1 - Condition No.	Target to be Completed	Responsibility	Completion Date	Status
1	Management Structure Submission	2.2.1	Management Structure to be submitted to the EPA	Environmental Manager	November 7 th 2003	Completed
2	Environmental Management System	2.3.1	EMS to be submitted to the EPA	Environmental Manager	February 28 th 2004	Completed
3	Communication Programme	2.4	Communication Programme to be submitted to EPA.	Environmental Manager	November 7 th 2003	Completed
4	Facility Notice Board	3.3	Facility Notice Board to be erected.	Environmental Manager	December 15 th 2003	Completed
5	Facility Security	3.4	Post and chain link fence around site.	Managing Director	February 28 th 2004	Almost complete
5	Facility Security	3.4	Reinforced concrete dividing wall to separate site from Longford Precast Ltd.	Managing Director	August 31 st 2004	Complete
6	New Facility Entrance	3.4.2	Access to the facility through new entrance.	Managing Director	November 7 th 2003	Complete
7	Facility Roads and Site Surfaces	3.5	Areas of waste vehicle movement and waste receptacle storage areas to be concreted.	Managing Director	May 7 th 2004	Complete

7	Facility Roads and Site Surfaces	3.5	Car park area, facility entrance and areas of little vehicular use to be concreted.	Managing Director	April 30 th 2005	Under completion during March 2006
Project No.	Objective	Waste Licence 169-1 - Condition No.	Target to be Completed	Responsibility	Completion Date	Status
8	Temporary Facility Office	3.6	Facility Office to be in place.	Managing Director	November 7 th 2003	Completed
9	Waste Inspection & Waste Quarantine Areas.	3.7	Waste Inspection & Waste Quarantine Areas to be in place.	Managing Director	February 25 th 2004	Completed
10	Waste Handling and Processing Equipment-Duty & Standby Capacity.	3.8.2	Submit report on the duty and standby capacity of waste handling equipment.	Managing Director	November 7 th 2003	Completed
11	Waste Water Collection	3.9.1	All wastewaters generated are collected and drain to the waste water storage tank.	Managing Director	February 27 th 2004	Completed
12	Waste Water Collection Tank - High Level Alarm.	3.9.2	An alarm shall be installed to read the level of the wastewater tank.	Managing Director	November 7 th 2003	Completed
13	Sewage and weighbridge collection system	3.9.3	All weighbridge run-off and sewage to be treated by an on-site sewage treatment plant.	Managing Director	December 22 nd 2003	Completed
14	Sewage Treatment Plant	3.9.4	Sewage treatment plant to be in place at the facility	Managing Director	February 7 th 2004	Completed
14	Sewage treatment Plant	3.9.4	Submission of report on percolation area to the EPA	Managing Director	February 27 th 2004	Submitted June 28 th 2004
15	Surface Water Collection	3.10	Surface water collection system and shut-off valve to be in place.	Managing Director	March 31 st 2003	Shut-off valve in since Aug 19 th 2004
16	Vehicle Wash Area	3.11	Installation of vehicle wash closed	Managing Director	February	Completed

			loop recycling system		7 th 2004	
16	Vehicle Wash area	3.11	Vehicle wash area is to be drained to the waste water collection system.	Managing Director	February 25 th 2004	Completed
Project No.	Objective	Waste Licence 169-1 - Condition No.	Target to be Completed	Responsibility	Completion Date	Status
17	Tank and Drum storage Areas	3.12	Installation of a bunded container to house hazardous waste.	Managing Director	March 31 st 2004	Ongoing
18	Bund Integrity Testing	3.12.5	To bund areas where required as they occur.	Managing Director	Completed when required and agreed with the EPA	
18	Bund Integrity Testing	3.12.5	The integrity of the bunds to be tested as required.	Managing director	Completed when required and agreed with the EPA	
19	Written Records for Drainage System	3.13.1	To provide written records on the drainage system.	Environmental Manager	June 6 th 2004	Ongoing
20	Integrity Testing of Underground Pipes & Tanks	3.13.2	Submission of records of all integrity tests to the EPA.	Managing Director	February 28 th 2004	Complete
21	Marking of Drainage System	3.13.3	The Drainage System shall be clearly marked.	Managing Director	February 7 th 2004	Ongoing
22	Waste Storage Areas	3.16	A drainage system from waste storage areas to waste water treatment tank shall be in place.	Managing Director	February 7 th 2004	Completed
22	Waste Storage Areas	3.16	Waste Storage areas to be labeled.	Managing Director	March 31 st 2004	Completed
23	Waste Acceptance and Characterisation.	4.2	Waste acceptance and characterisation procedures to be in place.	Environmental Manager	September 7 th 2003	Completed
23	Waste Acceptance and Characterisation	4.2	Waste Inspection & Quarantine Area in Recycling shed No.1 & 2	Environmental manager	February 25 th 2003	Completed

Project No.	Objective	Waste Licence 169-1 - Condition No.	Target to be Completed	Responsibility	Completion Date	Status
24	Adequate Lighting	4.3.4	Adequate Lighting shall be in place	Managing Director	November 7 th 2003	Completed
25	Storage Tank Certification	4.10.2	All storage tanks shall be inspected and certified.	Managing Director	February 28 th 2004	Completed
26	Labelling of Sampling and Monitoring Points	4.10.3	Label sampling and monitoring points.	Environmental Manager	March 31 st 2004	Completed
27	Landscaping Programme	4.11	To implement a landscaping programme	Environmental Manager	July 31 st 2004	Commenced March 21 st 2006
28	Dust and Odour Control from Waste Transfer Buildings.	6.4	Dust and odour control emissions from Transfer Stations shall be in place	Environmental manager	February 7 th 2004	Completed
28	Dust and Odour Control From Waste Transfer Buildings	6.4	Localised dust / odour suppression at the waste shredder and trommel	Environmental Manager	May 7 th 2004	Complete
29	Safe Access to Sampling and Monitoring Points	7.4	Safe access to all on-site sampling and monitoring points	Managing Director	May 7 th 2004	Complete
30	Monitoring	7	Monitoring of various media at the facility as per <i>Schedule D: Monitoring</i>	Environmental Manager		Ongoing as per <i>Schedule D: Monitoring</i>
31	Incident Reporting	8.1	Monitoring of environmental incidents as they occur	Environmental Manager		Ongoing
32	Emergency Response Procedure	8.2	Emergency Response Procedures shall be in place	Environmental Manager	February 28 th 2004	Completed

Project No.	Objective	Waste Licence 169-1 - Condition No.	Target to be Completed	Responsibility	Completion Date	Status
33	Accidental Spillage Measures	8.3	Spillage kits shall be at the facility	Environmental Manager	March 1 st 2004	Completed
34	Record keeping	9	Written records shall be kept at the facility	Environmental manager		Ongoing
35	Incident Reporting	10.2	Submission of written records to the EPA as the incident occurs.	Environmental Manager		Ongoing
36	Restoration & Aftercare Plan	10.3	Submission of a Restoration & Aftercare Plan to the EPA	Environmental manager	July 31 st 2004	Completed September 2004
37	Waste Recovery Report	10.4	Submission of Waste Recovery report to the EPA	Environmental Manager	May 7 th 2004	Completed October 29 th 2004
38	Monitoring Locations	10.5	Submission of a scaled drawing on monitoring points to the EPA	Environmental Manager	November 7 th 2004	Completed
39	Annual Environmental Report	10.6	Submission of Annual Environmental Report to the EPA	Environmental Manager	March 31 st 2006	March 2006
40	Composting Facility		To provide a composting facility on-site	Managing Director	June 30 th 2006	At Planning Application Stage
41	Civic Amenity Facility		To provide a Civic Amenity Site on-site	Environmental Manager	December 31 st 2004	Completed June 2005

Project No.	Objective	Waste Licence 169-1 - Condition No.	Target to be Completed	Responsibility	Completion Date	Status
42	Construction and Demolition Waste Facility		To provide a Construction and Demolition Waste Facility on-site	Managing Director	June 30 th 2006	At Drawing Stage
43	Bird Control Measures	7.10	To provide Bird Control Measures on Site	Environmental Manager	March 15 th 2004	Completed
44	On- Site Picking Station		To provide an on site Picking Station for the segregation of mixed dry recyclables	Managing Director	August 31 st 2004	Completed
45	Introduce Blue Wheelie Bins for Mixed Dry Recyclables Collections		To Supply a Blue Wheelie Bin to our Customers for Mixed Dry Recyclables	Environmental Manager	June 31 st 2005	Complete
46	Introduce Brown Wheelie Bins for Biodegradable Waste		To Supply a Brown Wheelie Bin to our Customers for Organic Waste Collection	Environmental Manager	November 30 th 2006	Completed July 2010
47	Increase On-Site Security Measures		To Increase the Provision of on-site Security Measures	Environmental Manager	March 31 st 2005	Complete
48	To set up a web page on the Internet		To set up a web page to include company Environmental Information	Environmental Manager	July 31 st 2005	Complete
49	To set up an Occasional Newsletter on Facility Activities		To set up an Occasional Newsletter on Facility Activities	Environmental Manager	July 31 st 2005	Complete
50	To set up Monthly Site Inspections		To assess the site on a monthly basis identifying site needs	Environmental Manager	July 31 st 2005	Commenced February 2006
51	Visitors Sign In Procedure		To sign in Visitors at Reception	Environmental Manager	August 31 st 2005	Complete

Project No.	Objective	Waste Licence 169-1 - Condition No.	Target to be Completed	Responsibility	Completion Date	Status
52	To set up an Open Day for public to view Facility		To set up an Open Day for the Public to View Facility	Environmental Manager	August 31 st 2005	Ongoing Groups attending site visits
53	To install sprinkler system to help alleviate dust during dry weather along entrance road		To install sprinklers along entrance to facility to alleviate any dust that may arise during site operations	Managing Director	September 30 th 2005	Complete
54	To set up Pay-By-Weight for Wheelie Bin Customers		To microchip wheelie bins and set up weighing equipment on lorries to weigh wheelie bins to further encourage recycling	Managing Director	January 1 st 2006	Completed
55	To construct and maintain new facility office		To construct a new facility office	Managing Director	December 31 st 2006	Complete
56	To set up 3 Metre marker at Waste Storage Areas	4.8.2	To set up a 3 metre marker at the waste storage bays to adhere to the 3 metre condition as set down by the EPA	Environmental Manager	June 30 th 2006	Complete
57	To set up tanker to spray main yard area during dry dusty spells		To set up spaying of main yard on a more regular basis during dry dusty weather	Environmental Manager	March 31 st 2006	Complete since March 21 st 2006
58	To research the area of wind energy for use on site		To research the area of wind energy to generate electricity on the site	Environmental Manager	Ongoing	Ongoing
59	To research the use of biofuels to use in our lorries		To research the area of biofuels as an alternative fuel source for Mulleady vehicles	Environmental Manager	Ongoing	Ongoing

Project No.	Objective	Waste Licence 169-1 - Condition No.	Target to be Completed	Responsibility	Completion Date	Status
60	Upgrade Emergency Response Procedures		To upgrade the existing emergency response procedures on site to deal with particularly fires	Environmental Manager	December 31 st 2006	Ongoing
61	To activate and run Avery Berkel weighing system for out of hours weighing for drivers		To provide and maintain an out of hours weighing system for drivers to record weights and generate tickets for each transaction	Environmental Manager	June 30 th	Incomplete. New system in
62	Install and update waste and recycling equipment in Recycling Shed No. 1		Upgrade recycling and waste equipment in Recycling Shed No. 1 to further reduce the amount of waste going to landfill.	Managing Director	October 31 st 2010	Complete
63	To upgrade fire hydrant in the event of fire at the facility		To increase the amount of water available on-site in the event of a fire at the facility	Managing Director	September 2007	Complete
64	To drain the temporary metal storage area to the Wastewater Tank (WWT-1)		To divert any run-off to the wastewater tank from the temporary storage of metals before being loaded into trailers for collection	Managing Director	June 30 th 2007	Incomplete
65	To construct a loading ramp and dock leveler for the loading of containers		To increase the safety in loading containers and reduce the wear and tare on machines used in previous methods	Managing Director	April 30 th 2007	Complete
66	To provide a new diesel tank on the waste facility grounds to fuels waste collection vehicles		To provide a separate fuelling area for waste collection vehicles	Managing Director	April 30 th 2007	Complete
67	To provide cameras at the facility for extra security		To provide 7 cameras to increase security at the facility	Managing Director	February / March 2007	Complete

Project No.	Objective	Waste Licence 169-1 - Condition No.	Target to be Completed	Responsibility	Completion Date	Status
68	To provide fire detectors and alarms in the office buildings		In the event of a fire in the facility office and canteen, the fire will be detected and the alarms raised automatically	Managing Director	March 2007	Complete
69	To redirect water and silt from culvert into first chamber of on site interceptor		To divert water from culvert to interceptor tank to trap silt and settle out solids from surface water flow	Managing Director	August 2007	Complete
70	Smoke Alarms and flame detectors for Shed 1 and Shed 2, Shed 3 and increased security for the site		To further increase the security on the site since the on-site fire on December 10 th 2007.	Managing Director	September 2010	Complete
71	24-7 Security by Nett Watch. Nett Watch will have control over any intruders to the site		To further increase the security on the site since the two on-site fires in January and December 2007.	Managing Director	July 2009	Completed September 2009
72	To allow for segregated glass storage on-site		To divide up the glass bay into three sections for glass segregation to further increase the recycling rates of glass	Managing Director	September 2009	Complete
73	Purchase of Tyre Baler to recycle tyres		To bale the tyres in Shed 2 utilising a new baler and neatly stack them for eventual off-site recycling to an appropriate facility	Managing Director	August 2009	Complete
74	Direct baling of Aluminium cans, Steel Cans and Plastic Bottles from Recycling Shed No. 2		To decrease littering at the facility for the storage of aluminium and steel cans and plastic bottles.	Managing Director	June 2009	Complete

Project No.	Objective	Waste Licence 169-1 - Condition No.	Target to be Completed	Responsibility	Completion Date	Status
75	Investigation into an electrical driven bird / crow deterrent to deter crows, jackdaws and other nuisance birds off-site		To reduce the amount of roosting of birds at the facility	Environmental Manager	December 2009	Completed September 2009
76	Construction of Shed No. 3. for increased recyclable storage		To reduce the storage of recyclables outside and to cater for increased loads of recyclables	Managing Director	December 2009	Completed November 2009
77	Ammonia Treatment of sewage effluent at the facility		To reduce the ammonia levels currently obtained from current BMS system to reduce it to our licence limit of 5mg/l Ammonia	Environmental Manager	September 2010	Complete
78	To have new picking station up and running in Shed No. 3		To further increase the amount of recycling on site by June 30 th 2009	Managing Director	October 2010	Complete
79	Research into Tyre Shredding for Fuel		To investigate the possibility of using shredded tyres as fuel.	Managing Director and Environmental Manager	Ongoing	Incomplete
80	Introduce Organic Waste Collection		To introduce a pilot scheme to collect organic waste from approximately 600 people as a pilot to begin with.	Environmental Manager	July 2010	Complete

Project No.	Objective	Waste Licence 169-1 - Condition No.	Target to be Completed	Responsibility	Completion Date	Status
81	Research into Oversize Waste (Waste > 50 mm) used as a fuel		To establish whether oversize waste material is suitable for use as a fuel	Environmental Manager and Managing Director	Ongoing	Incomplete
82	To have new canteen and office for yard supervisor in Shed No. 3		To ensure new sorting equipment is properly supervised and maintained	Managing Director	October 2010	Complete
83	Introduce Organic Waste Collection to Mulleadys Customers		To help achieve target of 36% organic waste diversion from landfill.	Managing Director and Environmental Manager	July 2010	Complete
84	Research into 0% to waste to landfill project.		To help achieve waste diversion from landfill.	Managing Director and Environmental Manager	Ongoing	Incomplete
85	Research into reducing a moisture content of organic fines.		To further increase the amount of recycling.	Managing Director and Environmental Manager	August 2010	Complete

Mulleady's Ltd.

Objectives & Targets – 2011

Project No.	Objective	Waste Licence W0169-01 - Condition No.	Target to be Completed	Responsibility	Completion Date	Status
86	To implement ISO 14001 and ISO 9001 standards.		In order to improve environmental performance and provide assurance on environmental issues to external stakeholders – such as customers, the community and regulatory agencies.	Environmental Manager	December 2011	Ongoing
87	Dust and Odour Control from Waste Transfer Buildings - Upgrade		To improve existing dust and odour system at the facility and implement in new Shed 3.	Managing Director	December 2011	Incomplete
88	Safe Access to Sampling And Monitoring Points SD1, SW1 and SW2		To provide safe access to surface water monitoring points in every weather condition.	Managing Director	December 2011	Incomplete
89	Extension of existing Shed No.1, Shed No.2, Shed No. 3		To provide an extra roofed storage at the Facility and divert loadings of outgoing material.	Managing Director	December 2012	Incomplete.

Environmental Management Plan

Project 86: ISO 14 001, ISO 9001	
Relationship to Objectives & Targets	In order to improve environmental performance and provide assurance on environmental issues to external stakeholders – such as customers, the community and regulatory agencies
Reason for Undertaking Project	Condition 2.3.1 of the waste licence requires that the licensee shall establish and Maintain an EMS.
Target	To implement ISO 14001, ISO 9001 standards by the 31 st December 2011.
Project Summary	
<p>An existing EMS meeting the requirements of ISO 14001:2004 as a management tool enabling Mulleady's to:</p> <p>identify and control the environmental impact of its activities, products or services, and to</p> <p>improve its environmental performance continually, and to</p> <p>implement a systematic approach to setting environmental objectives and targets, to achieving these and to demonstrating that they have been achieved.</p>	
Designation of Responsibility	The Environmental Manager is responsible for the implementation of the project. Project to be completed in cooperation with third party qualified consultants.
Status	Ongoing

Project 87: Dust and Odour Control from Waste Transfer Buildings - Upgrade	
Relationship to Objectives & Targets	In order to conform to the requirements of the waste licence for for dust and Odour Control from the Transfer Buildings.
Reason for Undertaking Project	Condition 6.4 of the waste licence requires that Dust and Odour Control measures are implemented. Update on project No. 28 completed in 2004. Implementing Odour and dust control into new Shed No. 3.
Target	To provide dust and odour control emissions from Transfer stations by February 7 th 2004. To provide localized dust / odour suppression at the waste shredder and trommel by May 7 th 2004.
Project Summary	
<p>(1) Within six months of the date of grant of this licence, the licensee shall install and provide adequate measures for the control of odours and dust emissions from the waste transfer buildings, including fugitive dust emissions, from the facility. Such measures shall as a minimum include the following:</p> <ul style="list-style-type: none"> • The licensee shall provide an enclosed conveyor system for the movement of the segregated fine material from the waste transfer building to the compost unit. • Within nine months of the date of grant of this licence the licensee shall install a localized dust / odour suppression system at the waste shredder and trommel. • The effectiveness of the odour and dust control measures as required by this licence shall be reviewed on an annual basis and a report submitted to the Agency. <p><i>Upgrade to existing Dust and Odour system in Shed No. 1, No. 2 and implementing new Dust and Odour system into new Shed No. 3.</i></p>	
Designation of Responsibility	The Managing Director is responsible for the implementation of the project.
Investment in project and payback time	The cost of the above project is estimated €5000. Pay back can be quantified on the basis of prevention of pollution of the environment.
Time-frame / Status	By the end of December 2011.

Project 88: Safe Access to Sampling And Monitoring Points SD1, SW1 and SW2	
Relationship to Objectives & Targets	In order to conform to the requirements of the waste licence for safe access to on-site sampling and monitoring points.
Reason for Undertaking Project	Condition 7.4 of the waste licence requires that the licensee provide safe access to on-site sampling and monitoring points.
Target	To provide safe access to all on-site sampling and monitoring points by May 7 th 2004.
Project Summary	
<p>(1) The licensee shall provide safe and permanent access to all on-site sampling and monitoring points and to off-site points as required by the Agency.</p> <p>(2) Safe access to all on-site sampling and monitoring points will be carried out.</p> <p>(3) Access to surface water monitoring points SW-1 and SW-2, 10 metres either side of the surface water discharge pipe cannot be accessed directly from the facility when security fencing is complete.</p> <p>(4) Access to off-site sampling points particularly surface water points which are located on private property will be carried out on the landowners consent.</p> <p>(5) Concrete blocks pathway will be build in agreement with landowner so easy access in every weather conditions is provided to sampling and monitoring points SD1, SW1, SW2.</p>	
Designation of Responsibility	The Managing Director is responsible for the implementation of the project.
Investment in project and payback time	The cost of providing on-site safe access to sampling and monitoring points is estimated at € 3 k. Pay back can be quantified on the basis of prevention of pollution of the environment.
Time-frame / Status	Safe access to on-site sampling and monitoring points will be completed by December 31 st 2011.

Project 89: Extension of existing Shed1, Shed2, Shed3	
Relationship to Objectives & Targets	To provide an extra roofed storage at the Facility and divert loadings of outgoing material.
Reason for Undertaking Project	To provide an extra roofed storage at the Facility and divert loadings of outgoing material.
Target	Built and an extension to existing Shed 1, Shed 2 and Shed 3. Divert loadings of an outgoing material from the front of the existing sheds into planned extension.
Project Summary	
<p>(1) Existing Shed 1, Shed 2 and Shed 3 to be extended by 24 metres to the back.</p> <p>(2) Move baler from the front of existing Shed 1 to the extension of Shed 3 so material from Shed 3 bays could be baled nearby.</p> <p>(3) Baled recycling materials will be loaded into containers and curtainsiders in the extended Shed 3 to avoid contact with public entering Civic Amenity .</p> <p>(4) Tromelled waste will be loaded in the extended Shed 1 to avoid contact with customers bringing material into Shed 1.</p>	
Designation of Responsibility	The Managing Director is responsible for the implementation of the project.
Investment in project and payback time	The cost of the above project is estimated at €350 k.
Time-frame / Status	By the end of 2012.

Appendix 2

NATIONAL WASTE REPORT 2010 SURVEY

COMPANY INFORMATION

**** PLEASE COMPLETE ALL SECTIONS, AFTER FIRST READING THE "IMPORTANT INFORMATION" SHEET ****

SECTION 1. GENERAL INFORMATION

COMPANY NAME:	Mulleadys Ltd.		
TRADE NAME(S) (if any):			
NUMBER OF SITES:	1	IF YOUR COMPANY OPERATES MORE THAN ONE SITE, SPECIFY IF THIS IS A COMBINED RETURN FOR ALL SITES OR AN INDIVIDUAL RETURN FOR ONE SITE:	PLEASE SELECT
FACILITY ADDRESS(ES):	Cloonagh, Drumlish, Co. Longford		
WASTE LICENCE/ PERMIT NO(S):	EPA Licence 169-1		
CONTACT NAME & JOB TITLE:	Ludmila Gabrisova, Environmental Manager		
CONTACT ADDRESS:	Cloonagh, Drumlish, Co. Longford		
CONTACT TELEPHONE NO:	043 3324128	MOBILE PHONE NO:	FAX: 043 3324731
CONTACT E-MAIL:	Lu@mulleadys.com		
HOW MANY MINUTES DID IT TAKE YOU TO FILL IN THIS SURVEY?	2 hours		

SECTION 2. WASTE ACTIVITIES CARRIED OUT BY YOUR COMPANY IN 2010

Please answer YES or NO to each of the following 9 questions. These questions determine which sections of the survey you will need to fill out.

<p>Q1. DID YOUR COMPANY COLLECT HOUSEHOLD WASTE AT KERBSIDE IN 2010? This includes contracted collections on behalf of local authorities</p>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="width: 15%; text-align: center;">Yes</td> <td style="background-color: yellow; text-align: center;">If YES, YOU MUST COMPLETE SHEET A (COLLECTION)</td> </tr> </table>	Yes	If YES, YOU MUST COMPLETE SHEET A (COLLECTION)
Yes	If YES, YOU MUST COMPLETE SHEET A (COLLECTION)		
<p>Q2. DID YOUR COMPANY ACCEPT ANY WASTE ON-SITE IN 2010? This includes household, commercial or C&D waste</p>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="width: 15%; text-align: center;">Yes</td> <td style="background-color: yellow; text-align: center;">If YES, YOU MUST COMPLETE SHEET B (INCOMING) AND SHEET C (OUTGOING)</td> </tr> </table>	Yes	If YES, YOU MUST COMPLETE SHEET B (INCOMING) AND SHEET C (OUTGOING)
Yes	If YES, YOU MUST COMPLETE SHEET B (INCOMING) AND SHEET C (OUTGOING)		
<p>Q3. DID YOUR COMPANY HAVE WASTE IN STORAGE AT THE START OR END OF 2010?</p>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="width: 15%; text-align: center;">Yes</td> <td style="background-color: yellow; text-align: center;">If YES, YOU MUST COMPLETE SHEET D (STORAGE)</td> </tr> </table>	Yes	If YES, YOU MUST COMPLETE SHEET D (STORAGE)
Yes	If YES, YOU MUST COMPLETE SHEET D (STORAGE)		
<p>Q4. DID YOUR COMPANY BROKER WASTE IN 2010? i.e. collect or arrange collection of waste from a customer and send it (i) directly to</p>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="width: 15%; text-align: center;">No</td> <td style="background-color: yellow; text-align: center;">If YES, YOU MUST COMPLETE SHEET E (BROKERED)</td> </tr> </table>	No	If YES, YOU MUST COMPLETE SHEET E (BROKERED)
No	If YES, YOU MUST COMPLETE SHEET E (BROKERED)		

landfill or (ii) directly to another third-party Irish facility or (iii) directly abroad. As this waste did not enter your site(s), these movements are not normally included in weighbridge reports.

Q5. WHAT WASTE ACTIVITIES WERE CARRIED OUT ON-SITE BY COMPANY IN 2010?

Please provide a brief description of the types of waste accepted and processing operations carried out on-site in 2010.

Mulleady's Ltd. is a waste recycling and transfer facility licenced to accept 95,000 tonnes of waste per annum. We are licenced to accept soil non-hazardous domestic, commercial, industrial and construction and demolition

Q6. DID YOUR COMPANY CARRY OUT ANY OF THE FOLLOWING TREATMENT/SORTING OPERATIONS ON-SITE IN 2010:

MANUALLY OR MECHANICALLY SEPARATE...		If YES, please include details of the processing carried out on-site on SHEET B (INCOMING)
MIXED RESIDUAL (BLACK BIN) WASTE? (e.g. via a trommel)	Yes	
MIXED DRY RECYCLABLES?	Yes	
C&D WASTE?	Yes	
PRODUCE REFUSE DERIVED FUEL FROM RESIDUAL MUNICIPAL WASTE?	No	
DEPOLLUTE AND/OR DISMANTLE END-OF-LIFE VEHICLES (ELVs)?	No	IF YES, PLEASE ALSO COMPLETE THE ELV SURVEY*
DISMANTLE WEEE?	No	IF YES, PLEASE ALSO COMPLETE THE WEEE SURVEY*

*AVAILABLE FOR DOWNLOAD AT: www.wastesurvey.ie

Q7. DID YOUR COMPANY CARRY OUT ANY OF THE FOLLOWING RECOVERY OPERATIONS ON-SITE IN 2010:

COMPOSTING OF ORGANIC WASTE?	No	If you selected YES to any of these, you must COMPLETE SHEET F (ON-SITE RECOVERY)
THERMAL TREATMENT OF WASTE?	No	
BIOSTABILISATION OF ORGANIC FINES FROM MECHANICAL TREATMENT?	No	
RECOVERY OF ANY OF THE FOLLOWING?		
PLASTICS?	No	
GLASS?	No	
WOOD?	No	
PAPER?	No	
OTHER WASTE(S)?	No	

Q8. WHAT METHOD(S) DID YOU USE TO QUANTIFY THE TONNAGES REPORTED IN THIS SURVEY?

WEIGHBRIDGE	Yes	(If YES, please give details)
ESTIMATE	SELECT	
OTHER	SELECT	

Q9. DOES YOUR COMPANY CLAIM FROM REPAK?

Yes

IF YES, STATE THE WASTE STREAM(S) CLAIMED FOR IN 2010:

Glass, Cardboard, Wood, Aluminium

ADDITIONAL INFORMATION - Please include any additional useful information on the data provided. This may minimise the extent of validation and follow-up required. Please also include any comments on how to improve this reporting form.

**** PLEASE NOW COMPLETE THE RELEVANT SURVEY SHEETS (A&F), AS INDICATED ABOVE ****

YOUR COMPANY'S MASS BALANCE FOR 2010

This calculates automatically, based on the data you have inputted into the relevant sheets (A&F)

Total inputs:	19,333.28	(B: INCOMING WASTE)	Total outputs:	19,216.53	(C: OUTGOING WASTE)
	+			+	
	1,370.00	(D: STORAGE START 2010)		159.70	(F: ON-SITE RECOVERY)
				+	
				1,436.00	(D: STORAGE END 2010)
	<hr/>			<hr/>	
	20,703.28	(TONNES)		20,812.23	(TONNES)
Difference (tonnes):	-108.95		% Difference:	-1%	

Please provide an explanation below for any large (greater than 5%) differences in the mass balance:

NATIONAL WASTE REPORT 2010 SURVEY

A. HOUSEHOLD WASTE COLLECTED AT KERBSIDE

****COMPLETE THIS SHEET ONLY IF YOUR COMPANY COLLECTED WASTE AT KERBSIDE IN 2010****

• Please provide information on household waste only. Do not include similar waste collected from commercial and non-process industrial sources.

• If this is a combined return for more than one site, OR if you have multiple sites reported in single surveys and wish to report on your national household waste collection at kerbside (versus broken down by region), this is acceptable. Please alert us

SECTION 1. WASTE COLLECTION PERMITS

Please list your company's active Waste Collection Permits (WCP) for the collection of municipal (household) waste:

NAME OF LOCAL AUTHORITY <small>Enter the name of the Local Authority which issued the WCP</small>	WCP NUMBER(S)	Single or Multi-Region Permit?	HH waste collected in these counties in 2010
Offaly County Council	WCP-OY-09-621-03	Multiregion	10160.74

SECTION 2. KERBSIDE WASTE COLLECTIONS IN 2010

NUMBER OF YOUR CUSTOMERS SERVED WITH:	NUMBER OF CLIENT HOUSEHOLDS
SINGLE BIN SYSTEM ONLY, for mixed residual waste (typically black bin/bag)	505
2-BIN SYSTEM ONLY, for mixed residual waste & mixed dry recyclables (typically black & green bins/bags)	8567
3-BIN SYSTEM ONLY, for mixed residual waste & mixed dry recyclables & organic waste (typically black, green & brown bins)	3200
YOUR TOTAL NUMBER OF KERBSIDE CUSTOMERS IN 2010:	12272

NOTE: Enter information in white cells only.

SECTION 3. QUANTITY OF HOUSEHOLD WASTE COLLECTED AT KERBSIDE IN 2010

	EWC CODE	QUANTITY	DESTINATION <small>List the names of the facilities where the waste was brought, including licence/permit number(s)</small>
		HOUSEHOLD (TONNES)	
MIXED RESIDUAL WASTE (typically black bin)	20 03 01	7,327	Mulleady's Ltd., EPA Licence 169-1
MIXED DRY RECYCLABLES (typically green bin)	20 03 01; 15 01 06	2,714	Mulleady's Ltd., EPA Licence 169-1
ORGANIC (KITCHEN & GARDEN) WASTE (typically brown bin)	20 01 08; 20 02 01	120	Mulleady's Ltd., EPA Licence 169-1
GLASS (if collected at kerbside separately to wastes above)		0	
ADDITIONAL INFORMATION - please provide any explanations of the data - this may minimise the extent of validation and follow-up required. For example, please explain if a split was applied to estimate the proportion of household vs. commercial waste colle			

Total household waste collected at kerbside by your company in 2010 (tonnes) (autocalculates):	10,160.74
Total household waste collected per household by your company in 2010 (tonnes) (autocalculates):	0.83
If the total household waste collected per household is >1.5 tonnes, please explain	

NATIONAL WASTE REPORT 2010 SURVEY

B. WASTE ACCEPTED ONTO YOUR PREMISES

****COMPLETE THIS SHEET ONLY IF YOUR COMPANY TOOK WASTE ONTO ITS SITE(S) IN 2010****

ID no.	EWC CODE WASTE DESCRIPTION	EWC	WASTE DESCRIPTION Enter an accurate description of the waste	QUANTITY ACCEPTED ON-SITE		ACTIVITIES CARRIED OUT AT YOUR SITE Provide a brief description of how you process the waste at your site e.g. bulking, baling; segregation; trommelling; picking line etc.
				Generated in Rol (tonnes)	Generated abroad (tonnes)	
WASTE FROM MUNICIPAL SOURCES (CHAPTER 20 CODES)						
1	Mixed residual waste (typically black bin)	20 03 01	Mixed residual waste from household and commercial collections	9,692.26	0.00	Mixed residual waste is shredded and trommelled. The oversize (over 50 mm) goes to landfill and the undersize (under 50 mm) comprising of waste fines goes to a composting plant for stabilisation.
2	Mixed dry recyclables (typically green bin)	20 03 01	Mixed dry recyclables from household and commercial collections	2,713.67	0.00	Mixed dry recyclables are segregated onsite using magnet & picking line, into material types. Unrecyclable fraction is sent to landfill as residual waste.
3	Household food & garden waste (typically brown bin)	20 01 08 / 20 02 01	Food waste from household and commercial collections	120.44	0.00	Food waste is transferred on daily basis to composting facility.
4	Commercial food waste e.g. canteens, restaurants	20 01 08				
5	News and pams	20 01 01				
6	Paper & cardboard from municipal sources (other than new and pams)	20 01 01	Paper from municipal sources	463.94	0.00	Paper is baled and stored before loading into containers before loading into containers / trailers for transport to a recycler.
7	Glass from municipal sources	20 01 02				
8	Textile waste from municipal sources (e.g. clothing, curtains)	20 01 10 / 20 01 11				
9	Fluorescent tubes & other mercury-containing waste	20 01 21*				
10	Edible oil & fat	20 01 25				
11	Mixed batteries from municipal sources	20 01 33*				
12	Wood waste from municipal sources containing dangerous substances (e.g. fence posts contaminated with creosote)	20 01 37*				
13	Wood waste from municipal sources (e.g. furniture)	20 01 38	Non packaging wood (wooden furniture).	59.49	0.00	Wood is stored in timber bay and transported to recovery facility.
14	Plastic from municipal sources	20 01 39				
15	Metals from municipal waste e.g. light iron	20 01 40	Metal coming from municipal collections.	66.54	0	Metal is stored in Metal bay and transported to recycler.
16	Biodegradable garden & park waste	20 02 01				
17	Street-cleaning residues	20 03 03	Street cleaning residues.	142.34	0.00	Street cleaning residues are shredded and trommelled. The oversize (over 50 mm) goes to landfill and the undersize (under 50 mm) comprising of waste fines goes to a composting plant for stabilisation.
18	Septic tank sludge	20 03 04				
19	Waste from sewage cleaning	20 03 06				
20	Bulky waste	20 03 07	Bulky waste coming from skips.	1,631.65	0.00	Bulky waste is shredded and trommelled. The oversize (over 50 mm) goes to landfill and the undersize (under 50 mm) comprising of waste fines goes to a composting plant for stabilisation.
21	Other municipal waste - please specify	20 - -				
22	Other municipal waste - please specify	20 - -				
SOURCE-SEGREGATED PACKAGING WASTE (CHAPTER 15 CODES)						
23	Segregated cardboard & paper packaging (e.g. corrugated cardboards, paper wrapping & bags)	15 01 01	Cardboard packaging from municipal collection.	588.64	0.00	Cardboard packaging is baled and stored before loading into containers / trailers for transport to a
24	Segregated plastic packaging (e.g. PVC, PET & PE bottles & jars, plastic bags, food wrappers)	15 01 02	Plastic packaging from municipal collection.	247.44	0.00	Plastic packaging (plastic bottles, plastic film) is baled and stored before loading into containers /
25	Segregated farm films	15 01 02				
26	Segregated wood packaging (e.g. crates, cartons, cheese boxes, fruit trays)	15 01 03	Wood packaging.	39.66	0.00	Wood packaging is stored before loading into trailers for transport to a recycler.
27	Segregated metal packaging - steel cans	15 01 04	Metal packaging.	44.36	0.00	Metal packaging is stored before loading into trailers for transport to a recycler.
28	Segregated metal packaging - aluminium cans	15 01 04	Metal packaging.	36.93	0.00	Metal packaging is stored before loading into trailers for transport to a recycler.
29	Segregated tetrapacks	15 01 05				
30	Segregated mixed packaging	15 01 06				
31	Segregated glass packaging (e.g. bottles, jars)	15 01 07	Glass packaging (bottle banks, municipal collection, Civic Amenity).	1,798.66	0.00	Glass packaging is stored before loading into trailers for transport to a recycler.
32	Segregated textile packaging (e.g. nets for fruits & vegetables, fabric bags)	15 01 09				
33	Other segregated packaging waste - please specify	15 - -				
34	Other segregated packaging waste - please specify	15 - -				
WASTE FROM WEEE, BATTERIES & END-OF-LIFE VEHICLES (CHAPTER 16 CODES)						

35	Fridges & freezers	16 02 11* / 20 01 23*				
36	White goods	16 02 14 / 20 01 36	Household White goods delivered by householders.	28.27	0.00	WEEE is stored and collected by licensed collector on weekly basis.
37	TVs & PC monitors	16 02 13* / 20 01 35*				
38	Glass from ELVs e.g. windscreens	16 01 20				
39	Other WEEE (e.g. phones, computer equipment, electronic toys, hairdryers, vacuum cleaners)	16 02 14 / 20 01 36				
40	End-of-life vehicles (de-polluted)	16 01 06				
41	End-of-life vehicles (not de-polluted)	16 01 04*				
42	Ferrous metal from ELVs (e.g. engines, axels, loose panels i.e. any quantities received separate to EWC codes 16 01 06 & 16 01 04* above)	16 01 17				
43	Non-ferrous metal from ELVs	16 01 18				
44	Oil filters	16 01 07*				
45	Lead acid batteries and accumulators - <u>portable</u> (weigh <2 kg, not for automotive or industrial use)	16 06 01*				
46	Lead acid batteries and accumulators - <u>non-portable</u> (automotive and industrial)	16 06 01*				
47	Ni-Cd batteries and accumulators - <u>portable</u> (weigh <2 kg, not for automotive or industrial use)	16 06 02*				
48	Ni-Cd batteries and accumulators - <u>non-portable</u> (automotive and industrial)	16 06 02*				
49	Alkaline batteries and accumulators - <u>portable</u> (weigh <2 kg, not for automotive or industrial use)	16 06 04				
50	Alkaline batteries and accumulators - <u>non-portable</u> (automotive and industrial)	16 06 04				
51	Tyres	16 01 03	Car and tractor tyres.	63.00	0.00	Tyres are baled and stored in tyre bay.
52	Gas cylinders	16 05 05				
53	Gas cylinders containing dangerous substances	16 05 04*				
C&D WASTE (CHAPTER 17 CODES)						
54	Concrete from C&D waste	17 01 01				
55	Bricks from C&D waste	17 01 02				
56	Tiles & ceramics from C&D waste	17 01 03				
57	Mixture of concrete, bricks, tiles ceramics from C&D waste containing dangerous substances	17 01 06*				
58	Mixture of concrete, bricks, tiles ceramics from C&D waste	17 01 07				
59	Wood from C&D waste	17 02 01	C&D wood.	99.15	0.00	Wood is stored in timber bay and transported to recovery facility.
60	Glass from C&D waste (e.g. window glass)	17 02 02				
61	Plastic from C&D waste	17 02 03				
62	Glass, plastic and wood from C&D containing dangerous substances	17 02 04*				
63	Copper, brass, bronze from C&D waste e.g. copper piping, copper cylinders, brass taps	17 04 01				

64	Aluminium from C&D waste e.g. window frames, fascia, soffits, gutters, downpipes etc.	17 04 02				
65	Lead from C&D waste e.g. lead pipes & flashing from building sites	17 04 03				
66	Iron & steel scrap from C&D waste (e.g. building sites)	17 04 05				
67	Mixed metals from C&D waste	17 04 07				
68	Cables from C&D waste containing oil, coal, tar & other dangerous substances	17 04 10*				
69	Cables from C&D waste not containing dangerous substances (e.g. copper cables)	17 04 11				
70	Mixed C&D waste	17 09 04				
71	Contaminated soil & stone from C&D waste	17 05 03*				
72	Soil & stone from C&D waste	17 05 04				
73	Insulation material from C&D waste containing asbestos	17 06 03*				
74	Insulation material from C&D waste	17 06 04				
75	Construction materials containing asbestos	17 06 05*				
76	Gypsum-based construction material e.g. Plasterboard	17 08 02				
77	Mixed C&D waste containing dangerous substances	17 09 03*				
78	Mixed C&D waste	17 09 04	Mixed C&D waste coming from construction sites.	792.10	0.00	Mixed C&D waste is segregated, (timber, plastic, cardboard picked out) residuals going to landfill.
79	Other C&D waste - please specify	17 - -				
80	Other C&D waste - please specify	17 - -				
WASTE FROM OTHER INDUSTRIES (CHAPTERS 01, 03–15, 18)						
81	Plastic from agricultural sources (non-packaging)	02 01 04				
82	Waste metal from agricultural sources, e.g. farms, creameries & food processors	02 01 10				
83	Silver e.g. photographic film & paper containing silver or silver compounds	09 01 07				
84	Bottom ash, slag and boiler dust	10 01 01				
85	Ferrous metal filings & turnings (e.g. swarf) from iron & steel industry	12 01 01				
86	Ferrous metal dust & particles from steel industry	12 01 02				
87	Non-ferrous metal filings & turnings (e.g. aluminium or steel swarf off-cuts or swarf)	12 01 03				
88	Plastic from plastics industry e.g. production offcuts or shavings	12 01 05				
89	Other metal wastes from iron & steel industry e.g. production off-cuts	12 01 99				
90	Waste fuel oil and diesel	13 07 01*				
91	Waste engine, gear & lubricating oils	13 02 08*				
92	Other waste from industry - please specify				
93	Other waste from industry - please specify				
94	Other waste from industry - please specify				
95	Other waste from industry - please specify				
PROCESSED WASTE FROM WASTE MANAGEMENT FACILITIES (CHAPTER 19 CODES)						
96	Paper & cardboard	19 12 01				
97	Ferrous metal from mechanical treatment	19 12 02				
98	Non-ferrous metal from mechanical treatment	19 12 03				
99	Plastics and rubber from mechanical treatment	19 12 04				
100	Glass from mechanical treatment	19 12 05				
101	Processed wood containing dangerous substances	19 12 06*				
102	Processed wood (e.g. chipped/shredded wood)	19 12 07				
103	Minerals from mechanical treatment (e.g. inorganic fines, sand, stones)	19 12 09				
104	Combustible waste (refuse derived fuel)	19 12 10				
105	Other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances	19 12 11*				
106	Organic fines from mechanical treatment	19 12 12				
107	Mixed residual waste from mechanical treatment	19 12 12				
108	Shredder residue containing dangerous substances	19 10 03* / 19 12 11*				
109	Shredder residue not containing dangerous substances	19 10 04 / 19 12 12				
110	Other wastes from mechanical treatment of waste - please specify				
OTHER - Specify below any materials not listed above. Include relevant EWC code.						
111	Mixed Commercial and Industrial recyclables	20 03 01	Mixed recyclables coming from commercial and industrial sources.	704.74	0.00	Mixed dry recyclables are segregated onsite using magnet & picking line, into material types. Unrecyclable fraction is sent to landfill as residual waste.
112						
113						
114						
115						
116						
(To add more rows, select the last row, click 'Insert' and then 'Rows')						

Total incoming waste in 2010 (tonnes): 19,333.28

NATIONAL WASTE REPORT 2010 SURVEY

C. OUTGOING WASTE (WASTE SENT OFF-SITE FOR RECOVERY, DISPOSAL OR TRANSFER)

****COMPLETE THIS SHEET ONLY IF YOUR COMPANY SENT WASTE OFF-SITE IN 2010****

WASTE DESCRIPTION Enter an accurate description of the outgoing waste	EWC	ID NUMBER Enter the ID number(s) of all the incoming waste streams from which this outgoing material was derived (Sheet B, column C)	PACKAGING CONTENT (%) FOR WOOD, PLASTICS, METALS, GLASS, PAPER/CARDBOARD, RDF/SRF etc. Use waste characterisation studies or Repak factors.	QUANTITY SENT OFF-SITE (TONNES)	NAME & ADDRESS OF NEXT DESTINATION FACILITY (NOT COLLECTOR/BROKER) For Irish facilities, include licence or permit number	DESCRIPTION OF OPERATION CARRIED OUT BY NEXT DESTINATION FACILITY
Mixed residual waste ex. trommel & picking line. Includes some residues from processing of mixed dry recyclables and mixed C&D waste	19 12 12	1,2,17,20,78,111	(not applicable)	2,453.97	Roscommon County Council, Ballaghaderreen Landfill, Aghalustia Townland, Ballaghaderreen, County, Roscommon, EPA Waste L.: W0059-03	Landfill
Mixed residual waste ex. trommel & picking line. Includes some residues from processing of mixed dry recyclables and mixed C&D waste	19 12 12	1,2,17,20,78,111	(not applicable)	261.90	Greyhound, Clondalkin Industrial Estate, Dublin 22, EPA License: W205-1	Shredding for co-incineration.
Mixed residual waste ex. trommel & picking line. Includes some residues from processing of mixed dry recyclables and mixed C&D waste	19 12 12	1,2,17,20,78,111	(not applicable)	96.00	Greenstar, Knockharley Landfill, Knockharley, Kenstown, County Meath, EPA Waste License: 146-1	Landfill
Mixed household, commercial and industrial waste untrammed.	20 03 01	1,2,17,20,78,111	(not applicable)	22.58	Greenstar, Knockharley Landfill, Knockharley, Kenstown, County Meath, EPA Waste License: 146-1	Landfill
Mixed household, commercial and industrial waste untrammed.	20 03 01	1,2,17,20,78,111	(not applicable)	1,430.33	Wicklow County Council, Rampere Landfill, Rampere, Balingglass, Waste License No.: W0066-03	Landfill
Mixed residual waste ex. trommel & picking line. Includes some residues from processing of mixed dry recyclables and mixed C&D waste	19 12 12	1,2,17,20,78,111	(not applicable)	1,271.08	Bord Na Mona, Drehid Waste Management Facility, Killinagh Upper, Carbury, Co. Kildare, EPA Waste License: W201-02	Landfill
Mixed household, commercial and industrial waste untrammed.	20 03 01	1,2,17,20,78,111	(not applicable)	2,515.52	Bord Na Mona, Drehid Waste Management Facility, Killinagh Upper, Carbury, Co. Kildare, EPA Waste License: W201-02	Landfill
Separately collected food household and commercial food waste.	20 01 08	3	(not applicable)	94.96	Michael Dolan, Johnstown, Slanemore, Mullingar, Co. Westmeath, Waste Permit: WFP-WM-2010-0005-01	Composting.
Baled Cardboard	19 12 01	2, 6, 23, 111	100 % packaging	137.48	Marwin Environmental Trading Ltd., The Rubicon Centre, CIT Campus, Bishopstown, Cork, IRE/G027/08	Sends cardboard to paper mills in Asia for reprocessing.
Baled Cardboard	19 12 01	2, 6, 23, 111	100 % packaging	169.44	Parry & Evans, Severn Farm Industrial Estate, Welshpool, Powys, SY217DF.	Sends cardboard to paper mills in Europe for reprocessing.
Baled Cardboard	19 12 01	2, 6, 23, 111	100 % packaging	116.28	Greyhound Recycling & Recovery Ltd, Crag Avenue, Clondalkin Ind. Estate, Clondalkin, Dublin 22, Waste Permit: W0205-01	Sends paper to paper mills in Asia for reprocessing.
Baled Cardboard	19 12 01	2, 6, 23, 111	100 % packaging	507.30	Irish Packaging and Recycling, Beauparc Business Park, Navan, Co. Meath, WPR 021/2	Sends cardboard to paper mills in Asia for reprocessing.
Baled Cardboard	19 12 01	2, 6, 23, 111	100 % packaging	122.66	Agnal Ltd, Unit 9 Rosfield, 50 Rosemount Business Park, Ballycoolin, Dublin 11, Brooker Lic.: IRE/AG/117/10	Sends cardboard to paper mills in Europe for reprocessing.
Baled News and Pams.	20 01 01	2,6,111	(not applicable)	481.94	Agnal Ltd, Unit 9 Rosfield, 50 Rosemount Business Park, Ballycoolin, Dublin 11, Brooker Lic.: IRE/AG/117/10	Sends paper to paper mills in Europe for reprocessing.
Baled News and Pams.	20 01 01	2,6,111	(not applicable)	338.70	Peute Papier Recycling, Baanhoekweg 4, 3313 LA, Dordrecht, Netherland, A528041436	Sends paper to paper mills in Europe for reprocessing.
Baled News and Pams.	20 01 01	2,6,111	(not applicable)	515.46	Irish Packaging and Recycling, Beauparc Business Park, Navan, Co. Meath, WPR 021/2	Sends paper to paper mills in Asia for reprocessing.
Baled Hard Plastic.	20 01 39	2, 20,111	(not applicable)	45.44	Lainster Environmental, Clermont Business Park, Haggardstown, Dundalk, Co. Louth, Ireland	Sends Plastic Bottles to plastic mills in Asia for reprocessing.
Baled Hard Plastic.	20 01 39	2, 20,111	(not applicable)	72.12	Greenway Ireland Ltd., 11 Porthill Road, Mountnorris, BT60 2TY Waste Permit: WML 03/02	Sends Plastic Bottles to plastic mills in Asia for reprocessing.
Baled Plastic Film	20 01 39	2, 20, 24, 111	100 % packaging	187.66	J&A Young, Brook House, Hambleton Road, Eggleton, LE15 8AE	Plastic Recovery
Baled Plastic Film	20 01 39	2, 20, 24, 111	100 % packaging	243.60	WRC Recycling, Auchans Farm, Johnstone, PA6 7EE, UK, IRE/G068/08	Reprocessed or sold to other reprocessing companies in UK.
Baled Plastic Film	20 01 39	2, 20, 24, 111	100 % packaging	47.92	Lainster Environmental, Clermont Business Park, Haggardstown, Dundalk, Co. Louth, Ireland	Sends Plastic Bottles to plastic mills in Asia for reprocessing.
Baled Plastic Film	20 01 39	2, 20, 24, 111	100 % packaging	96.26	Greenway Ireland Ltd., 11 Porthill Road, Mountnorris, BT60 2TY Waste Permit: WML 03/02	Sends Plastic Bottles to plastic mills in Asia for reprocessing.
Baled Plastic Film	20 01 39	2, 20, 24, 111	100 % packaging	102.86	Peute Papier Recycling, Baanhoekweg 4, 3313 LA, Dordrecht, Netherland, A528041436	Sends Plastic Bottles to plastic mills in Asia for reprocessing.
Baled Plastic Bottles	20 01 39	2, 24, 111	100 % packaging	48.20	WRC Recycling, Auchans Farm, Johnstone, PA6 7EE, UK, IRE/G068/08	Reprocessed or sold to other reprocessing companies in UK.
Baled Plastic Bottles	20 01 39	2, 24, 111	100 % packaging	44.72	Lainster Environmental, Clermont Business Park, Haggardstown, Dundalk, Co. Louth, Ireland	Sends Plastic Bottles to plastic mills in Asia for reprocessing.
Baled Plastic Bottles	20 01 39	2, 24, 111	100 % packaging	57.24	Shabra Recycling Ltd, Killycard Industrial Estate, Bree, Castleblayney, Co. Monaghan, WFP-MN-08-0022-01	Plastic recovery.

Baled Plastic Bottles	20 01 39	2, 24, 111	100 % packaging	49.44	AWS Eco Plastics Limited Unit 2 Britannia Business Park Point Pleasant Industrial Estate Wallsend Newcastle-Upon-Tyne NE28 6HA U.K., EAWML/73274	Plastic Recovery.
Baled Plastic Bottles	20 01 39	2, 24, 111	100 % packaging	49.26	Greenway Ireland Ltd., 11 Porthill Road, Mountnorris, BT60 2TY Waste Permit: WML 03/02	Sends Plastic Bottles to plastic mills in Asia for reprocessing.
Baled Plastic Bottles	20 01 39	2, 24, 111	100 % packaging	49.10	Peute Papier Recycling, Baanhoekweg 4, 3313 LA, Dordrecht, Netherland, AS28041436	Sends Plastic Bottles to plastic mills in Asia for reprocessing.
Baled Plastic Bottles	20 01 39	2, 24, 111	100 % packaging	23.94	J&A Young, Brook House, Hambleton Road, Eggleston, LE15 8AE	Plastic Recovery
Baled Plastic Bottles	20 01 39	2, 24, 111	100 % packaging	49.26	Choice Waste Management Ltd, Unit D, Stratton Business Park, Montgomery Way, Biggleswade, Bedfordshire, SG 18 8QB, UK, TSE/385621/CB	Sends Plastic Bottles to plastic mills in Asia for reprocessing.
Mixed Dry Recyclables (unsorted)	20 03 01	2, 111	37.5 % packaging, 55.5% news &pams, 7% disposal (Based on Repak factors based on RPS Waste Characterisation Survey)	12.90	Greyhound, Clondalkin Industrial Estate, Dublin 22, EPA License: W205-1	Shredding for co-incineration.
Mixed Dry Recyclables (unsorted)	20 03 01	2, 111	37.5 % packaging, 55.5% news &pams, 7% disposal (Based on Repak factors based on RPS Waste Characterisation Survey)	127.87	Mr. Binman Clearpoint, Ballylynch, Carrick On Suir, Co. Tipperary, Waste Permit WFP-TS-08-0079-01	Mixed dry recyclables are segregated onsite using magnet & picking line, into material types. Unrecyclable fraction is sent to landfill as residual waste.
Mixed Dry Recyclables (unsorted)	20 03 01	2, 111	37.5 % packaging, 55.5% news &pams, 7% disposal (Based on Repak factors based on RPS Waste Characterisation Survey)	170.68	Shergrim Recycling, 81 Killyclogher Road, Omagh, Co. Tyrone, Northern Ireland, BT78 7NZ, WML25/01	Mixed dry recyclables are segregated onsite using magnet & picking line, into material types. Unrecyclable fraction is sent to landfill as residual waste.
Baled Office paper	20 01 01	2, 6	(not applicable)	415.66	Recycling UK Ltd., Unit 11, Alvaston Business Park, Middlewich Road, Nantwich, Cheshire CW5 6PF, UK, NSO/544843/B, IRE/G069/08	Sends paper to mills in UK.
Baled Office paper	20 01 01	2, 6	(not applicable)	100.46	Irish Packaging and Recycling, Beaparc Business Park, Navan, Co. Meath, WPR 02/12	Sends paper to paper mills in Asia for reprocessing.
Copper	17 04 01	20, 15	(not applicable)	1.12	Wilton Waste recycling, Ballyjamesduff, Co. Cavan, Waste Permit: 06/30	Discharged, shredded, compacted and baled.
Cable	17 04 11	20, 15	(not applicable)	7.70	Wilton Waste recycling, Ballyjamesduff, Co. Cavan, Waste Permit: 06/30	Discharged, shredded, compacted and baled.
Metal	20 01 40	15, 27	40% packaging, 60% non packaging (based on Repak factors)	558.50	Erin Recyclers Ltd, Deepwater Quay, Finiskin, Sligo Harbour, Sligo, Waste Permit SO-08-93	Sorted, processed and crushed.
Metal	20 01 40	15, 27	40% packaging, 60% non packaging (based on Repak factors)	109.54	Wilton Waste recycling, Ballyjamesduff, Co. Cavan, Waste Permit: 06/30	Sorted, processed and crushed.
Baled Aluminium Cans	20 01 40	2, 28	100 % packaging	39.56	WRC Recycling, Auchans Farm, Johnstone, PA6 7EE, UK, IRE/G068/08	Sends Aluminium Cans to reprocessing companies in Europe.
Baled Steel Cans	19 12 02	2, 27	100 % packaging	80.80	Marwin Environmental Trading Ltd., The Rubicon Centre, CIT Campus, Bishopstown, Cork, IRE/G027/08	Sends Steel Cans to reprocessing companies in Europe.
Baled Steel Cans	19 12 02	2, 27	100 % packaging	27.80	WRC Recycling, Auchans Farm, Johnstone, PA6 7EE, UK, IRE/G068/08	Sends Steel Cans to reprocessing companies in Europe.
Mixed Glass	20 01 02	31	100 % packaging	1,758.41	Glassdon, 52 Creagh Road, Toomebridge, Co. Antrim, BT41 3SE, LN/08/103	Sorting.
Wood	20 01 38	13, 26, 59	52% packaging, 48% non packaging (Based on Repak factors based on RPS Waste Characterisation Survey)	264.40	Wilton Waste recycling, Ballyjamesduff, Co. Cavan, Waste Permit: 06/30	Shredding.
Wood	20 01 38	13, 26, 59	52% packaging, 48% non packaging (Based on Repak factors based on RPS Waste Characterisation Survey)	169.32	Conroy Recycling, Sonna, Mullingar, Co. Westmeath, WP-152-2006	Chipping for fuel.
WEEE	20 01 36	36	(not applicable)	125.11	KMK Metals Recycling Ltd. Cappincur Industrial Estate, Daingean Road, Tullamore, Co. Offaly, EPA Waste License: W0113-03	Dismantle and recycling.
Textiles	20 01 11	2, 20	(not applicable)	19.18	Textile Recycling Ltd., Glen Abbey Complex, Belgard Road, Tallagh, Dublin 24, WPR-014	Graded/sorted and exported to many Countries around the World for re-wear. Anything that is not suitable for re-wear is recycled using special processes to make items such as flocking for mattresses, underlay for carpets, soundproofing for cars and indust
Batteries	16 06 01	20	(not applicable)	6.74	RILTA Environmental Limited, Block 402, Greenogue Business Park, Rathcoole, Co. Dublin, EPA License: 192-3	Recovery of batteries.
Gas Cylinders	16 05 05	20	(not applicable)	0.58	McKeon Fuels, Curry, Newtownforbes, Co. Longford	Sending back to suppliers.
Plasterboard	17 08 02	20, 78	(not applicable)	44.62	Recycleworks, Sandyhill Environmental Services Ltd., St. Margaret's, Co. Dublin, WPT 112	Cleans and processes waste plasterboard into clean gypsum powder
Alkaline Batteries	16 06 04	20	(not applicable)	0.65	KMK Metals Recycling Ltd. Cappincur Industrial Estate, Daingean Road, Tullamore, Co. Offaly, EPA Waste License: W0113-03	Dismantle and recycling.
Bulbs	20 01 21	20	(not applicable)	0.62	KMK Metals Recycling Ltd. Cappincur Industrial Estate, Daingean Road, Tullamore, Co. Offaly, EPA Waste License: W0113-03	Dismantle and recycling.
Fluorescent Tubes	20 01 21	20	(not applicable)	1.16	KMK Metals Recycling Ltd. Cappincur Industrial Estate, Daingean Road, Tullamore, Co. Offaly, EPA Waste License: W0113-03	Dismantle and recycling.
Organic Fines	19 12 12	1,2,17,20,78,111	(not applicable)	2,326.02	Panda, Rathrinhagh, Beaparc Business Park, Navan, Co. Meath, EPA Waste Licence: W0140-02	Stabilisation
Organic Fines	19 12 12	1,2,17,20,78,111	(not applicable)	1,144.51	AES, Midland Waste Disposal Company Ltd. - Location: Clonmagaddan, Proudstown, Navan, EPA Waste Licence: Co. Meath, W0132-02	Stabilisation
(To add more rows, select the last row, click 'Insert' and then 'Rows')						

Total quantity of waste sent off-site in 2010 (tonnes):

19,216.53

NATIONAL WASTE REPORT 2010 SURVEY

D. WASTE IN STORAGE ON YOUR PREMISES

****COMPLETE THIS SHEET ONLY IF YOUR COMPANY HAD WASTE IN STOCK AT EITHER THE START OR END OF 2010****

WASTE DESCRIPTION Enter an accurate description of the waste	PACKAGING CONTENT (%) FOR WOOD, PLASTICS, METALS, GLASS, PAPER/CARDBOARD, RDF etc. Use waste characterisation studies or Repak factors.	QUANTITY OF WASTE IN STORAGE ON-SITE		
		AT START OF 2010 (TONNES)	AT END OF 2010 (TONNES)	NET STORAGE (TONNES) (Auto-calculates)
<i>Example 1: Bales of mixed dry recyclables</i>	<i>87% packaging, 13% non-packaging</i>	<i>80.00</i>	<i>1,795.00</i>	<i>1,715.00</i>
<i>Example 2: Bales of cardboard packaging</i>	<i>100% packaging</i>	<i>250.00</i>	<i>735.00</i>	<i>485.00</i>
Mixed residual waste from household and commercial collections		120.00	20.00	-100.00
Mixed dry recyclables from household and commercial collections		40.00	50.00	10.00
Paper from municipal sources		100.00	50.00	-50.00
Non packaging wood (wooden furniture).		20.00	3.00	-17.00
Metal coming from municipal collections.		50.00	10.00	-40.00
Street cleaning residues.		10.00	5.00	-5.00
Bulky waste coming from skips.		100.00	20.00	-80.00
Cardboard packaging from municipal collection.		70.00	95.00	25.00
Plastic packaging from municipal collection.		350.00	40.00	-310.00
Wood packaging.		30.00	3.00	
Metal packaging.		80.00	30.00	
Glass packaging (bottle banks, municipal collection, Civic Amenity).		200.00	120.00	
Car and tractor tyres.		150.00	220.00	70.00
C&D wood.		20.00	2.00	-18.00
Mixed C&D waste coming from construction sites.		10.00	10.00	
Mixed recyclables coming from commercial and industrial sources.		20.00	40.00	
			718.00	718.00
(To add more rows, select this row, click 'Insert' and then 'Rows')				0.00
Totals		1,370.00	1,436.00	203.00

Net storage in 2010 (tonnes): 203.00

NATIONAL WASTE REPORT 2010 SURVEY

F. WASTE RECOVERED ON YOUR PREMISES

****COMPLETE THIS SHEET ONLY IF YOUR COMPANY RECYCLED OR RECOVERED WASTE ON YOUR PREMISES IN 2010****

- Do not report here waste that only undergoes pre-treatment (e.g. segregation, trommelling, repackaging) at your site. (Codes R12, R13 are excluded)
- The material reported as recovered on this sheet should NOT be included in the tonnages of outgoing waste reported on Sheet C. However, any treatment residues sent off-site as a waste (e.g. boiler ash; contaminated waste unsuitable for composting) should be included on Sheet C.

WASTE DESCRIPTION Enter an accurate description of the waste recovered on-site	ID NUMBER Enter the ID number(s) of all the incoming waste from which this material was derived (Sheet B, column C)	PACKAGING CONTENT (%) FOR WOOD, PLASTICS, METALS, GLASS, PAPER/CARDBOARD Use waste characterisation studies or Repak factors.	RECOVERY OPERATION (TFS CODES) Select the R or D code describing the recovery operation carried out on your premises. (Codes R12, R13 are excluded)	RECOVERY OPERATION Describe the recovery process carried out on your premises.	QUANTITY RECOVERED ON YOUR PREMISES (TONNES)
Soil & Stones	78	(not applicable)	R5 - Inorganic substance recycling	Used as infill in on-site construction work	160
			SELECT		
			SELECT		
			SELECT		
			SELECT		
			SELECT		
			SELECT		
			SELECT		
			SELECT		
			SELECT		
			SELECT		
			SELECT		
			SELECT		

Total quantity recovered on-site in 2010 (tonnes): 159.70

Appendix 3



Environmental Protection Agency

Guidance to completing the PRTR workbook

AER Returns Workbook

Version 1.1.12

REFERENCE YEAR 2010	
1. FACILITY IDENTIFICATION	
Parent Company Name	Mulleady's Ltd
Facility Name	Mulleady's Ltd
PRTR Identification Number	W0169
Licence Number	W0169-01
Waste or IPPC Classes of Activity	
class_name	
3.13	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.
3.11	Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this Schedule.
3.12	Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.
4.13	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.
4.2	Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).
4.3	Recycling or reclamation of metals and metal compounds.
4.4	Recycling or reclamation of other inorganic materials.
Address 1	Cloonagh
Address 2	Drumlish
Address 3	Co Longford
Address 4	
Country	Ireland
Coordinates of Location	-7.78358 53.8063
River Basin District	IEGBNISH
NACE Code	3821
Main Economic Activity	Treatment and disposal of non-hazardous waste
AER Returns Contact Name	Anthony Mulleady
AER Returns Contact Email Address	Lu@mulleadys.com
AER Returns Contact Position	Managing Director
AER Returns Contact Telephone Number	043-3324145 / 3324128
AER Returns Contact Mobile Phone Number	
AER Returns Contact Fax Number	043-3324731
Production Volume	0.0
Production Volume Units	
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	0
User Feedback/Comments	
Web Address	www.mulleadys.com
2. PRTR CLASS ACTIVITIES	
Activity Number	Activity Name
5(c)	Installations for the disposal of non-hazardous waste
5(c)	Installations for the disposal of non-hazardous waste
50.1	General
3. SOLVENTS REGULATIONS (S.I. No. 543 of 2002)	
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?	

4.2 RELEASES TO WATERS		Link to previous years emissions data		PRTR# : W0169 Facility Name : Mulleady's Ltd Filename : W0169_2010(1).xls Return Year : 2010	
SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS				RELEASES TO WATERS	
POLLUTANT				Please enter all quantities	
No. Annex II	Name	M/C/E	Method Code	Method Used	ADD EMISSION POINT
				Designation or Description	Emission Point 1
12	Total nitrogen	C	OTH	Calculated from test results for Ammoniacal Nitrogen (three sets of results during 2010 reporting period), annual rainfall data for Mullingar station and facility operating area.	32.85
ADD NEW ROW		DELETE ROW *		* 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	
POLLUTANT				Please enter all quantities	
No. Annex II	Name	M/C/E	Method Code	Method Used	ADD EMISSION POINT
				Designation or Description	Emission Point 1
					0.0
ADD NEW ROW		DELETE ROW *		* 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	
POLLUTANT				Please enter all quantities	
Pollutant No.	Name	M/C/E	Method Code	Method Used	ADD EMISSION POINT
				Designation or Description	Emission Point 1
					0.0
ADD NEW ROW		DELETE ROW *		* 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# : W0169 Facility Name : Mulleady's Ltd Filename : W0169_2010(1).xls Return Year : 2010	
SECTION A : PRTR POLLUTANTS					
OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					
POLLUTANT				METHOD	
No. Annex II	Name	M/C/E	Method Code	Method Used	ADD EMISSION POINT
				Designation or Description	WWT-1 (Waste Water Tank)
					SG-1 (Sewage Treatment Plant)
					T (Total) KG/Year
13	Total phosphorus	C	OTH	Calculated from test results for Ortho Phosphates as PO4 (three sets of results during 2010 reporting period) and from volume of waste water collected in 2010.	0.0877
12	Total nitrogen	C	OTH	Calculated from test results for Ammoniacal Nitrogen (three sets of results during 2010 reporting period) and from volume of waste water collected in 2010.	9.338
06	Ammonia (NH3)	C	OTH	Calculated from test results for Total Ammonia as NH3 (one set of results during 2010 reporting period) and from BL300 Blivet design flow (effluent)	0.81532
					0.0
					0.0877
					9.338
					0.81532

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 Non-Haz Waste : Name and Licence/Permit No of Recoverer/Disposer	Haz Waste : Address of Next Destination Facility Non-Haz Waste : Address of Recoverer/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	19 12 12	No	2453.97	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	Ballaghaderreen Landfill Roscommon County Council,W0059-03	Aghalustia,Townland,Ballaghaderreen,County Roscommon,Ireland			
Within the Country	19 12 12	No	2619.12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	D13	M	Weighed	Offsite in Ireland	Greyhound,W205-1	Clondalkin Industrial Estate,Dublin 22,....,Ireland			
Within the Country	19 12 12	No	96.0	12 11	D5	M	Weighed	Offsite in Ireland	Greenstar Knockharley Landfill,146-1	Knockharley,Kenstown,County Meath,.,Ireland			
Within the Country	20 03 01	No	22.58	mixed municipal waste	D5	M	Weighed	Offsite in Ireland	Greenstar Knockharley Landfill,146-1	Knockharley,Kenstown,County Meath,.,Ireland			
Within the Country	20 03 01	No	1430.33	mixed municipal waste	D5	M	Weighed	Offsite in Ireland	Wicklow County Council Rampere Landfill,W0066-03	Rampere,Ballinglass,County Wicklow,.,Ireland			
Within the Country	19 12 12	No	1271.08	12 11	D5	M	Weighed	Offsite in Ireland	Bord Na Mona Drehid Waste Management Facility,W201-02	Killinagh Upper,Carbury,Co. Kildare,.,Ireland			
Within the Country	20 03 01	No	2515.52	mixed municipal waste	D5	M	Weighed	Offsite in Ireland	Bord Na Mona Drehid Waste Management Facility,W201-02	Killinagh Upper,Carbury,Co. Kildare,.,Ireland			
Within the Country	20 01 08	No	94.96	biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	Michael Dolan Johnstown ,WFP-WM-2010-0005-01	Johnstown,Slanemore,Mullingar,co. Westmeath,Ireland	Rubicon Centre,CIT Campus,Bishopstown,Cork,Ireland		
Within the Country	19 12 01	No	137.48	paper and cardboard	R5	M	Weighed	Offsite in Ireland	Manwin Environmental Trading Ltd.,IRE/G027/08	Severn Farm Industrial Estate,Welshpool,Powys,S Y217DF,United Kingdom			
To Other Countries	19 12 01	No	169.44	paper and cardboard	R5	M	Weighed	Abroad	Parry & Evans,IRE/G011/08	Clondalkin Industrial Estate,Dublin 22,Crag Avenue,.,Ireland			
Within the Country	19 12 01	No	116.28	paper and cardboard	R5	M	Weighed	Offsite in Ireland	Greyhound,W205-1	Beauparc Business Park,Navan,Co. Meath,.,Ireland			
Within the Country	19 12 01	No	507.3	paper and cardboard	R5	M	Weighed	Offsite in Ireland	Irish Packaging and Recycling,WPRO21/2	Unit 9 Rossfield,50 Rosemount Business Park,Ballycoolin,Dublin 11,Ireland			
Within the Country	19 12 01	No	122.66	paper and cardboard	R5	M	Weighed	Offsite in Ireland	Agnail Ltd,IRE/AG117/10	Unit 9 Rossfield,50 Rosemount Business Park,Ballycoolin,Dublin 11,Ireland			
Within the Country	20 01 01	No	481.94	paper and cardboard	R5	M	Weighed	Offsite in Ireland	Agnail Ltd,IRE/AG117/10	Unit 9 Rossfield,50 Rosemount Business Park,Ballycoolin,Dublin 11,Ireland			
To Other Countries	20 01 01	No	338.7	paper and cardboard	R5	M	Weighed	Abroad	Peute Papier Recycling,IRE/G006/11	Baanhoekweg 4,3313 LA Dordrecht,.,.,Netherlands			
Within the Country	20 01 01	No	515.46	paper and cardboard	R5	M	Weighed	Onsite in Ireland	Irish Packaging and Recycling,WPRO21/2	Beauparc Business Park,Navan,Co. Meath,.,Ireland			
Within the Country	20 01 39	No	45.44	plastics	R5	M	Weighed	Onsite in Ireland	Lainrater Environmental,2004/30	Clermont Business Park,Higginstown,Dundalk,Co. Louth,Ireland			

To Other Countries	20 01 39	No	72.12 plastics	R5	M	Weighted	Abroad	Greenway Ireland Ltd,WML 03/02	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
To Other Countries	20 01 39	No	187.66 plastics	R5	M	Weighted	Abroad	J& A Young,IRE/G058/11	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
To Other Countries	20 01 39	No	243.6 plastics	R5	M	Weighted	Abroad	WRC Recyclin,IRE/G068/08	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
Within the Country	20 01 39	No	47.92 plastics	R5	M	Weighted	Offsite in Ireland	Leinster Environmental,2004/30	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
To Other Countries	20 01 39	No	96.26 plastics	R5	M	Weighted	Abroad	Greenway Ireland Ltd,WML 03/02	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
To Other Countries	20 01 39	No	102.86 plastics	R5	M	Weighted	Abroad	Peute Papier Recycling,IRE/G006/11	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
To Other Countries	20 01 39	No	48.2 plastics	R5	M	Weighted	Abroad	WRC Recyclin,IRE/G068/08	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
Within the Country	20 01 39	No	44.72 plastics	R5	M	Weighted	Offsite in Ireland	Leinster Environmental,2004/30	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
Within the Country	20 01 39	No	57.24 plastics	R5	M	Weighted	Offsite in Ireland	Shabra Recycling Ltd,WFP: MN-08-0022-01	Shabra Recycling Ltd,WFP: MN-08-0022-01
To Other Countries	20 01 39	No	49.44 plastics	R5	M	Weighted	Abroad	AWS Eco Plastics Ltd,EA/WML/73274	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
To Other Countries	20 01 39	No	49.26 plastics	R5	M	Weighted	Abroad	Greenway Ireland Ltd,WML 03/02	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
To Other Countries	20 01 39	No	49.1 plastics	R5	M	Weighted	Abroad	Peute Papier Recycling,IRE/G006/11	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
To Other Countries	20 01 39	No	23.94 plastics	R5	M	Weighted	Abroad	J& A Young,IRE/G058/11	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
To Other Countries	20 01 39	No	49.26 plastics	R5	M	Weighted	Abroad	Choice Waste Management Ltd,TSE/385621/CB	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
Within the Country	20 03 01	No	12.9 mixed municipal waste	R1	M	Weighted	Offsite in Ireland	Greyhound,W205-1	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
Within the Country	20 03 01	No	127.87 mixed municipal waste	R5	M	Weighted	Offsite in Ireland	Mr BinMan Clearpoint,WFP: TS-08-0079-01	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
To Other Countries	20 03 01	No	170.68 mixed municipal waste	R5	M	Weighted	Abroad	Shergrim recycling ,WML25/01	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
To Other Countries	20 01 01	No	415.66 paper and cardboard	R5	M	Weighted	Abroad	Recycling UK,IRE/G069/08 NSO/544843/B	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
Within the Country	20 01 01	No	100.46 paper and cardboard	R5	M	Weighted	Offsite in Ireland	Irish Packaging and Recycling,WPR021/2	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
Within the Country	17 04 01	No	1.12 copper, bronze, brass	R4	M	Weighted	Offsite in Ireland	Wilton Waste Recycling,WFP: 06/30	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
Within the Country	17 04 01	No	7.7 copper, bronze, brass	R4	M	Weighted	Offsite in Ireland	Wilton Waste Recycling,WFP: 06/30	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
Within the Country	20 01 40	No	558.5 metals	R4	M	Weighted	Offsite in Ireland	Erin Recyclers Ltd,WFP: SO-08-93	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
Within the Country	20 01 40	No	109.54 metals	R4	M	Weighted	Offsite in Ireland	Wilton Waste Recycling,WFP: 06/30	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
To Other Countries	20 01 40	No	39.56 metals	R4	M	Weighted	Abroad	WRC Recyclin,IRE/G068/08	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
Within the Country	19 12 02	No	80.8 ferrous metal	R4	M	Weighted	Offsite in Ireland	Marwin Environmental Trading Ltd,IRE/G027/08	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
To Other Countries	19 12 02	No	27.8 ferrous metal	R4	M	Weighted	Abroad	WRC Recyclin,IRE/G068/08	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
To Other Countries	20 01 02	No	1758.41 glass	R5	M	Weighted	Abroad	Glassdon,LN/08/103	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
Within the Country	20 01 38	No	264.4 wood other than that mentioned in 20 01 37	R3	M	Weighted	Offsite in Ireland	Wilton Waste Recycling,WFP: 06/30	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
Within the Country	20 01 38	No	169.32 wood other than that mentioned in 20 01 37	R3	M	Weighted	Offsite in Ireland	Conroy Recycling,WP-152-2006	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
Within the Country	20 01 36	No	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	R4	M	Weighted	Offsite in Ireland	KMK Metals Recycling Ltd,W0113-03	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
Within the Country	20 01 11	No	19.18 textiles	R5	M	Weighted	Offsite in Ireland	Textile Recycling Ltd,WPR: 014	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
Within the Country	16 06 01	Yes	6.74 lead batteries	R4	M	Weighted	Offsite in Ireland	Rita Environmental, 192-3	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
Within the Country	16 05 05	No	gases in pressure containers other than those mentioned in 16 05 04	R4	M	Weighted	Offsite in Ireland	McKeon Fuels,.	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
Within the Country	17 08 02	No	gypsum-based construction materials other than those mentioned in 17 08 01	R5	M	Weighted	Offsite in Ireland	Recycleworks,WPT112	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
Within the Country	16 06 04	No	0.65 alkaline batteries (except 16 06 03)	R4	M	Weighted	Offsite in Ireland	KMK Metals Recycling Ltd,W0113-03	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
Within the Country	20 01 21	Yes	fluorescent tubes and other mercury-containing waste other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19	R5	M	Weighted	Offsite in Ireland	KMK Metals Recycling Ltd,W0113-03	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
Within the Country	19 12 12	No	2326.02 12 11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19	R3	M	Weighted	Offsite in Ireland	Panda,W0140-02	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland
Within the Country	19 12 12	No	1144.51 12 11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19	R3	M	Weighted	Offsite in Ireland	AES Misland Waste Disposal Company,W0132-02	11 Porthall Road,Mountnorris,BT60 2TY,United Kingdom Brook House,Hambleton Road,Eggleston,LE 15 8AE,United Kingdom Auchans Farms,Johnstone,PA6 7EE,United Kingdom Clemont Business Park,Haggardstown,Dundalk,Co. Louth,Ireland