

|                              |
|------------------------------|
| Facility Information Summary |
|------------------------------|

Licence Register Number  
 Name of site  
 Site Location  
 NACE Code  
  
 Class of Activity  
 RBME risk category  
 National Grid Reference (6E, 6 N)

|   |
|---|
| W0061-02  |
| Mr. Binman  |
| Luddenmore, Grange, Killmallock, County Limerick  |
| 3822  |
| Classes 12 & 13 under the third schedule and classes 2 3 4 10 and 13 under the forth schedule of the waste management act 1996. |
| B3  |
| E645N472  |

A brief description of the activities/process at the site for the reporting year. This should include information such as production increases or decreases on site, any infrastructural changes, environmental performance improvements which were measured during the reporting year;

The infrastructure onsite consists of a transfer station and recovery facility and all activities on site are directly or indirectly related to waste recovery/transfer activities and includes the following main components: a weighbridge, a materials recovery facility including a mechanical separation plant and a picking line, a glass processing facility, transfer station with compactors, balers, storage areas, offices, security, banded fuel storage, truck wash, monitoring locations.

**Mechanical treatment facility**  
 The facility has the capability to minimise the quantity of waste for disposal by recovering waste through a variety of treatment processes. Residual waste is accepted in the Mechanical Treatment Facility and is inspected for unacceptable waste materials. The waste can be shredded and trommelled to remove organic fines suitable for recovery. The oversize material can be passed through a series of air knives to remove refuse derived fuel (RDF) followed by a series of magnets and eddy current separators to remove ferrous and non-ferrous metals for recycling. The material can be subjected to a phase 2 recovery process.

**Dry Recyclable Storage and Picking Line**  
 Mixed Dry recyclables are received at the dry recyclable storage/transfer area. From here they can be transferred off site for further recovery or to the on-site recovery line. The picking station overhangs the floor and storage bunkers for cardboard, paper, plastic, aluminium and other recyclables are suspended from this picking station. Once these bunkers are full to capacity they are conveyed to balers where they are automatically baled for further recycling off-site.

**Glass Plant**  
 The main components of the glass processing plant are as follows: hopper, manual removal of residual contamination, magnet for removal of loose metals, crusher, vibrating screen for removal of plastic, corks and rings, vertical conveyor, ceramic remover, cyclone, eddy current separator for removal of aluminium packaging, out feed belt, and storage bays. The glass processing plant produces a high quality cullet which is used as a raw material in the glass bottle manufacturing industry.

**Commercial Waste Processing Area**  
 All commercial recyclable materials such as cardboard, newspapers and plastic sheeting are sorted and baled.

**Source Separated Brown Bin Storage Area**  
 A separate fully enclosed area has been designated to store the waste prior to being transferred off site to an approved composting facility.

**Waste Tonnage Accepted**  
 In line with the EMP commitment made to reduce the tonnage by 10,000tpa accepted at the facility for recovery, the tonnage accepted at the facility was reduced by more than 17,000tpa in 2011 relative to 2010 and a further reduction is anticipated in 2012.

**Declaration:**

All the data and information presented in this report has been checked and certified as being accurate. The quality of the information is assured to meet licence requirements.

|   |      |
|---|------|
|   |      |
| Signature<br>Group/Facility manager<br><small>(or nominated, suitably qualified and experienced deputy)</small> | Date |

**AER summary template-AIR emissions**

1 Does your site have licensed air emissions? If yes please complete table 1, 2 and 3 below for the current reporting year and answer further questions. If **you do not have** licenced emissions and **do not complete a solvent management plan** (table 5 and 6) you only need to complete table 1 fugitive emissions on site below

|                        |  |
|------------------------|--|
| Additional information |  |
| No                     |  |

**Table 1 Fugitive emissions**

| Parameter /Substance | Annual fugitive emission (kg/annum) | Quantificaton method M/C/E |
|----------------------|-------------------------------------|----------------------------|
|                      |                                     |                            |
|                      |                                     |                            |

**Periodic/Non-Continuous Monitoring**

2 Are there any results in breach of licence requirements? If yes please provide brief details in the comment section of Table 2 below

|     |  |
|-----|--|
| No  |  |
| Yes |  |

3 Was all monitoring carried out in accordance with EPA [Basic air monitoring checklist](#) and using the basic air monitoring checklist? [AGN2](#)

**Table 2: Licensed Mass Emissions/Ambient data-periodic monitoring (non-continuous)**

| Emission reference no: | Parameter/ Substance | Date of Monitoring | ELV in licence or any revision therof | Licence Compliance criteria | Measured value | Unit of measurement    | Compliant with licence limit | Method of analysis              | Annual mass load (kg) | % change in mass load from previous year +/- | Comments |
|------------------------|----------------------|--------------------|---------------------------------------|-----------------------------|----------------|------------------------|------------------------------|---------------------------------|-----------------------|--|----------|
| C                      | Dust                 | Jun-11             | 350                                   | 100 % of values < ELV       | 111            | mg/m <sup>2</sup> /day | yes                          | VDI2119 (Bergerhoff instrument) |                       |  |          |
| E2                     | Dust                 | Jun-11             | 350                                   | 100 % of values < ELV       | 172            | mg/m <sup>2</sup> /day | yes                          | VDI2119 (Bergerhoff instrument) |                       |  |          |
| G                      | Dust                 | Jun-11             | 350                                   | 100 % of values < ELV       | 128            | mg/m <sup>2</sup> /day | yes                          | VDI2119 (Bergerhoff instrument) |                       |  |          |
| C                      | Dust                 | Jul-11             | 350                                   | 100 % of values < ELV       | 55.6           | mg/m <sup>2</sup> /day | yes                          | VDI2119 (Bergerhoff instrument) |                       |  |          |
| E2                     | Dust                 | Jul-11             | 350                                   | 100 % of values < ELV       | 37.2           | mg/m <sup>2</sup> /day | yes                          | VDI2119 (Bergerhoff instrument) |                       |  |          |
| G                      | Dust                 | Jul-11             | 350                                   | 100 % of values < ELV       | 6.7            | mg/m <sup>2</sup> /day | yes                          | VDI2119 (Bergerhoff instrument) |                       |  |          |
| C                      | Dust                 | Nov-11             | 350                                   | 100 % of values < ELV       | 47.2           | mg/m <sup>2</sup> /day | yes                          | VDI2119 (Bergerhoff instrument) |                       |  |          |
| E2                     | Dust                 | Nov-11             | 350                                   | 100 % of values < ELV       | 22.8           | mg/m <sup>2</sup> /day | yes                          | VDI2119 (Bergerhoff instrument) |                       |  |          |
| G                      | Dust                 | Nov-11             | 350                                   | 100 % of values < ELV       | 22.8           | mg/m <sup>2</sup> /day | yes                          | VDI2119 (Bergerhoff instrument) |                       |  |          |

Note 1: Volumetric flow shall be included as a reportable parameter

**Continuous Monitoring**

4 Does your site carry out continuous air emissions monitoring?

If yes please review your continuous monitoring data and report the required fields below in Table 3 and compare it to its relevant Emission Limit Value (ELV)

5 Did continuous monitoring equipment experience downtime? If yes please record downtime in table 3 below

6 Do you have a proactive service agreement for each piece of continuous monitoring equipment?

7 Did your site experience any abatement system bypasses? If yes please detail them in table 4 below

**Table 3: Summary of average emissions -continuous monitoring**

| Emission reference no: | Parameter/ Substance | ELV in licence or any revision thereof | Averaging Period | Compliance Criteria | Units of measurement | Annual Emission | Annual maximum | Monitoring Equipment downtime (hours) | % compliance current reporting year | Comments |
|------------------------|----------------------|--|------------------|---------------------|----------------------|-----------------|----------------|---------------------------------------|-------------------------------------|----------|
|                        |                      |  |                  |                     |                      |                 |                |                                       |                                     |          |
|                        |                      |  |                  |                     |                      |                 |                |                                       |                                     |          |
|                        |                      |  |                  |                     |                      |                 |                |                                       |                                     |          |
|                        |                      |  |                  |                     |                      |                 |                |                                       |                                     |          |

note 1: Volumetric flow shall be included as a reportable parameter.

**Table 4: Abatement system bypass reporting table** [Bypass protocol](#)

| Date* | Duration** (hours) | Location | Reason for bypass | Corrective action |
|-------|--------------------|----------|-------------------|-------------------|
|       |                    |          |                   |                   |
|       |                    |          |                   |                   |
|       |                    |          |                   |                   |

\* this should include all dates that an abatement system bypass occurred

\*\* an accurate record of time bypass beginning and end should be logged on site and maintained for future Agency inspections please refer to bypass protocol link

8 Do you have a total Emission Limit Value of direct and fugitive emissions on site? if yes please fill out table 5

|    |  |
|----|--|
| No |  |
|----|--|

| <b>Table 5: Solvent Management Plan Summary</b> |                                  | <b>Solvent regulations</b> Please refer to linked solvent regulations to complete table 5 and 6 |  |   |            |
|---|----------------------------------|---|--|---|------------|
| <b>Total VOC Emission limit value</b>           |                                  |   |  |   |            |
| Reporting year                                  | Total solvent input on site (kg) | Total VOC emissions to Air from entire site (direct and fugitive)                               | Total VOC emissions as %of solvent input | Total Emission Limit Value (ELV) in licence or any revision thereof | Compliance |
|   |                                  |   |  |   | SELECT     |
|   |                                  |   |  |   | SELECT     |

| <b>Table 6: Solvent Mass Balance summary</b> |                 |   |                             |                              |                               |  |   |                                       |
|--|-----------------|---|-----------------------------|------------------------------|-------------------------------|--|---|---------------------------------------|
|  | (I) Inputs (kg) |   | (O) Outputs (kg)            |                              |                               |  |   |                                       |
| Solvent                                      | (I) Inputs (kg) | Organic solvent emission in waste gases(kg) | Solvents lost in water (kg) | Collected waste solvent (kg) | Fugitive Organic Solvent (kg) | Solvent released in other ways e.g. by-passes (kg) | Solvents destroyed onsite through physical reaction e.g. incineration(kg) | Total emission of Solvent to air (kg) |
|  |                 |   |                             |                              |                               |  |   |                                       |
|  |                 |   |                             |                              |                               |  |   |                                       |
|  |                 |   |                             |                              |                               |  |   |                                       |
| Total  |                 |   |                             |                              |                               |  |   |                                       |

**AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)**

|  |                        |
|--|------------------------|
| <p>1 Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table 3 and 4 below for the current reporting year and answer further questions. If <b>you do not have</b> licensed emissions you <u>only</u> need to complete table 1 and /table 2 below for ambient monitoring and visual inspections</p> | Additional information |
| No   |                        |
| <p>2 Was it a requirement of your licence to carry out visual inspections on any surface water discharges or watercourses on or near your site? If yes please complete table 2 below summarising <u>only</u> any evidence of contamination noted during visual inspections</p>   |                        |
| No   |                        |

**Table 1 Ambient monitoring**

| Location reference | Location relative to site activities | PRTR Parameter | Licensed Parameter | Monitoring date | ELV or trigger level in licence or any revision thereof* | Licence Compliance criteria | Measured value | Unit of measurement | Compliant with licence | Comments |
|--------------------|--------------------------------------|----------------|--------------------|-----------------|--|-----------------------------|----------------|---------------------|------------------------|----------|
|                    | SELECT                               | SELECT         | SELECT             |                 |  | SELECT                      |                | SELECT              | SELECT                 |          |

\*trigger values may be agreed by the Agency outside of licence conditions

**Table 2 Visual inspections-Please only enter details where contamination was observed.**

| Location Reference | Date of inspection | Description of contamination | Source of contamination | Corrective action | Comments |
|--------------------|--------------------|------------------------------|-------------------------|-------------------|----------|
|                    |                    |                              | SELECT                  |                   |          |
|                    |                    |                              | SELECT                  |                   |          |

**Licensed Emissions to water and /or wastewater(sewer)-periodic monitoring (non-continuous)**

|  |                        |
|--|------------------------|
| <p>3 Was there any result in breach of licence requirements? If yes please provide brief details in the comment section of Table 3 below</p>   | Additional information |
| SELECT   |                        |
| <p>4 Was all monitoring carried out in accordance with EPA guidance and checklists for Quality of Aqueous Monitoring <a href="#">External /Internal</a> Data Reported to the EPA? If no please detail what areas <a href="#">Lab Quality checklist</a> <a href="#">Assessment of results checklist</a> require improvement in additional information box</p> |                        |
| SELECT   |                        |

**Table 3: Licensed Emissions to water and /or wastewater (sewer)-periodic monitoring (non-continuous)**

| Emission reference no: | Emission released to | Parameter/ SubstanceNote 1 | Type of sample | Date of Monitoring | Averaging period | ELV or trigger values in licence or any revision thereof <sup>Note 2</sup> | Licence Compliance criteria | Measured value | Unit of measurement | Compliant with licence | Method of analysis | Procedural reference source | Procedural reference standard number | Annual mass load (kg) | % change in mass load from previous year +/- | Comments |
|------------------------|----------------------|----------------------------|----------------|--------------------|------------------|--|-----------------------------|----------------|---------------------|------------------------|--------------------|-----------------------------|--------------------------------------|-----------------------|--|----------|
|                        | SELECT               | SELECT                     | SELECT         |                    | SELECT           |  | SELECT                      |                | SELECT              | SELECT                 | SELECT             | SELECT                      |                                      |                       |  |          |

Note 1: Volumetric flow shall be included as a reportable parameter

Note 2: Where Emission Limit Values (ELV) do not apply to your licence please compare results against EQS for Surface water or relevant receptor quality standards

**Continuous monitoring**

5 Does your site carry out continuous emissions to water/sewer monitoring? Additional Information

|                                     |  |
|-------------------------------------|--|
| <input type="text" value="SELECT"/> |  |
|-------------------------------------|--|

If yes please summarise your continuous monitoring data below in Table 4 and compare it to its relevant Emission Limit Value (ELV)

6 Did continuous monitoring equipment experience downtime? If yes please record downtime in table 4 below

|                                     |  |
|-------------------------------------|--|
| <input type="text" value="SELECT"/> |  |
|-------------------------------------|--|

7 Do you have a proactive service contract for each piece of continuous monitoring equipment on site?

|                                     |  |
|-------------------------------------|--|
| <input type="text" value="SELECT"/> |  |
|-------------------------------------|--|

8 Did abatement system bypass occur during the reporting year? If yes please complete table 5 below

|                                     |  |
|-------------------------------------|--|
| <input type="text" value="SELECT"/> |  |
|-------------------------------------|--|

**Table 4: Summary of average emissions -continuous monitoring**

| Emission reference no: | Emission released to                | Parameter/ Substance                | ELV or trigger values in licence or any revision thereof | Averaging Period                    | Compliance Criteria                 | Units of measurement                | Annual Emission for current reporting year (kg) | % change +/- from previous reporting year | Monitoring Equipment downtime (hours) | % compliance current reporting year | Comments |
|------------------------|-------------------------------------|-------------------------------------|--|-------------------------------------|-------------------------------------|-------------------------------------|---|---|---------------------------------------|-------------------------------------|----------|
|                        | <input type="text" value="SELECT"/> | <input type="text" value="SELECT"/> |  | <input type="text" value="SELECT"/> | <input type="text" value="SELECT"/> | <input type="text" value="SELECT"/> |   |   |                                       |                                     |          |
|                        | <input type="text" value="SELECT"/> | <input type="text" value="SELECT"/> |  | <input type="text" value="SELECT"/> | <input type="text" value="SELECT"/> | <input type="text" value="SELECT"/> |   |   |                                       |                                     |          |

note 1: Volumetric flow shall be included as a reportable parameter.

**Table 5: Abatement system bypass reporting table**

| Date | Duration (hours) | Location | Resultant emissions | Reason for bypass | Corrective action* | Was a report submitted to the EPA?  | When was this report submitted? |
|------|------------------|----------|---------------------|-------------------|--------------------|-------------------------------------|---------------------------------|
|      |                  |          |                     |                   |                    | <input type="text" value="SELECT"/> |                                 |
|      |                  |          |                     |                   |                    |                                     |                                 |

\*Measures taken or proposed to reduce or limit bypass frequency



**Groundwater /Contaminated land summary report**

- 1 Are you required to carry out groundwater monitoring as part of your licence requirements?
- 2 Are you required to carry out soil monitoring as part of your licence requirements?
- 3 Do you extract groundwater for use on site? If yes please specify use in comment section
- 4 Is there contaminated land and /or groundwater on site? If yes please answer q's 5-12
- 5 Is the contamination related to operations at the facility (either current and/or historic)
- 6 Have actions been taken to address contamination issues? If yes please summarise remediation strategies proposed/undertaken for the site
- 7 Please specify the proposed time frame for the remediation strategy
- 8 Is there a licence condition to carry out/update ELRA for the site?
- 9 Has any type of risk assesment been carried out for the site?
- 10 Has a Conceptual Site Model been developed for the site?
- 11 Have potential receptors been identified on and off site?
- 12 Is there evidence that contamination is migrating offsite?

| Comments |  |
|----------|--|
| yes      |  |
| no       |  |
| no       |  |
| no       |  |
|          |  |
|          |  |
|          |  |
|          |  |
|          |  |
|          |  |
|          |  |
|          |  |
|          |  |

**Table 1: Upgradient Groundwater monitoring results**

| Date of sampling | Sample location reference | Parameter/ Substance    | Methodology     | Monitoring frequency | Maximum Concentration++ | Average Concentration+ | unit     | GTV's*   | SELECT**           | % change in average concentration previous year +/- | Upward trend in pollutant concentration over last 5 years of monitoring data |
|------------------|---------------------------|-------------------------|-----------------|----------------------|-------------------------|------------------------|----------|----------|--------------------|---|--|
| 08/11/2011       | GW1                       | pH                      | APHA-4500-H+    | Bi-Annually          | 7.42                    | 7.16                   | pH units |          | >6.5 and <9.5      | -8.20%  | no   |
| 08/11/2011       | GW1                       | Electrical conductivity | APHA-2510-B     | Bi-Annually          | 1219                    | 869.5                  | uScm-1   | 800-1875 | 2500               | 62.90%  | no   |
| 08/11/2011       | GW1                       | Total Nitrogen          | APHA-4500-No-C  | Bi-Annually          | 5                       | <3                     | mg/l     |          |                    | 100%  | no   |
| 08/11/2011       | GW1                       | Ammonia                 | APHA-4500-NH3-D | Bi-Annually          | 0.48                    | <.24                   | mg/l     | 0.175    | 0.3                | 282%  | no   |
| 08/11/2011       | GW1                       | Total phosphorus        | APHA-4500-P     | Bi-Annually          | 0.04                    | 0.035                  | mg/l     |          |                    | -70.80%   | no   |
| 08/11/2011       | GW1                       | Total organic carbon    | APHA-5310-C     | Bi-Annually          | 21.5                    | 20.25                  | mg/l     |          | No abnormal change | 1000.00%  | no   |

.+ where average indicates arithmetic mean

.++ maximum concentration indicates the maximum measured concentration from all monitoring results produced during the reporting year

**Table 2: Downgradient Groundwater monitoring results**

| Date of sampling | Sample location reference | Parameter/ Substance    | Methodology     | Monitoring frequency | Maximum Concentration | Average Concentration | unit     | GTV's*   | SELECT**           | % change in average concentration previous year +/- | Upward trend in yearly average pollutant concentration over last 5 years of monitoring data |
|------------------|---------------------------|-------------------------|-----------------|----------------------|-----------------------|-----------------------|----------|----------|--------------------|---|---|
| 08/11/2012       | GW2                       | pH                      | APHA-4500-H+    | Bi-Annually          | 7.9                   | 7.37                  | pH units |          | >6.5 and <9.5      | -1.70%  | no  |
| 08/11/2012       | GW2                       | Electrical conductivity | APHA-2510-B     | Bi-Annually          | 666                   | 576                   | uScm-1   | 800-1875 | 2500               | -31.71%   | no  |
| 08/11/2012       | GW2                       | Total Nitrogen          | APHA-4500-No-C  | Bi-Annually          | 1                     | <1                    | mg/l     |          |                    | -71.40%   | no  |
| 08/11/2012       | GW2                       | Ammonia                 | APHA-4500-NH3-D | Bi-Annually          | 0.19                  | <.1                   | mg/l     | 0.175    | 0.3                | 33%   | no  |
| 10/06/2012       | GW2                       | Total phosphorus        | APHA-4500-P     | Bi-Annually          | 0.11                  | 0.1                   | mg/l     |          |                    | 66%   | no  |
| 10/06/2012       | GW2                       | Total organic carbon    | APHA-5310-C     | Bi-Annually          | 19.1                  | 14.8                  | mg/l     |          | No abnormal change | 400%  | no  |

\* please note exceedance of a relevant Groundwater threshold value (GTV) at a representative monitoring point does not indicate non compliance, an exceedance triggers further investigation to confirm whether the criteria for poor groundwater chemical status are being met.

\*\*Depending on location of the site and proximity to other sensitive receptors alternative Receptor based Water Quality standards should be used in addition to the GTV e.g. if the site is close to surface water compare to Surface Water Environmental Quality Standards (SWEQS), if the site is close to a drinking water supply compare results to the Drinking Water Standards (DWS)

[Surface water EQS](#)    
 [Groundwater regulations GTV's](#)    
 [Drinking water \(private supply\) standards](#)    
 [Drinking water \(public supply\) standards](#)    
 [Interim Guideline Values \(IGV\)](#)



**Table 3: Soil results**

| Date of sampling | Sample location reference | Parameter/ Substance | Methodology | Monitoring frequency | Maximum Concentration | Average Concentration | unit   |
|------------------|---------------------------|----------------------|-------------|----------------------|-----------------------|-----------------------|--------|
|                  |                           |                      |             |                      |                       |                       | SELECT |
|                  |                           |                      |             |                      |                       |                       | SELECT |

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



Environmental Management Programme (EMP)/Continuous Improvement Programme

Highlighted cells contain dropdown menu click to view

Additional Information

|   |   |     |                                   |
|---|---|-----|-----------------------------------|
| 1 | Do you maintain an Environmental Mangement System for the site. If yes, please detail in additional information   | Yes | Mr. Binman has implemented an EMS |
| 2 | Does the EMS reference the most significant environmental aspects and associated impacts on-site  | Yes |                                   |
| 3 | Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance with the licence requirements   | Yes |                                   |
| 4 | Do you maintain an environmental documentation/communication system to inform the public on environmental performance of the facility, as required by the licence | Yes |                                   |

**Environmental Management Programme (EMP) report**

| Objective Category         | Target  | Status (% completed) | How target was progressed   | Responsibility | Intermediate outcomes                        |
|----------------------------|---|----------------------|---|----------------|--|
| Materials Handling/Storage | Reduce waste accepted on site by 10,000 tonne.  | 100                  | The total waste accepted at the facility in 2011 was reduced by over 17,000 tonnes. This included diversion of waste to alternative facilities. Mr. Binman will target to further reduce the overall quantity of waste accepted at the facility in 2012 to ensure compliance. | Individual     | Increased compliance with licence conditions |
| Materials Handling/Storage | Increase approved tonnage accepted at the facility under the current licence to 105,000 tpa               | 100                  | Following a substantial submission highlighting significant improvements in environmental management controls and practices, approval was granted to allow the facility to accept 105,000 tpa under the current licence on the on the 2nd of June 2011.                       | Individual     | Improved Environmental Management Practices  |
| Materials Handling/Storage | complete waste licence review   | 90                   | Further information was provided to the EPA in September 2011 and March 2012. A decision is expected in 2012.   | Individual     | Improved Environmental Management Practices  |
| Groundwater protection     | Seal joints in concrete in yard areas adjacent to process areas   | 80                   | A number of joints have been sealed with further work expected to be completed in 2012  | Individual     | Installation of infrastructure               |
| Groundwater protection     | Extend drains for waste processing area to ensure all potential carryover from relevant areas enters WWTP | 70                   | Drains currently being extended to ensure runoff from open yard areas enter WWTP with further works proposed for completion in 2012.  | Individual     | Installation of infrastructure               |

|   |  |     |  |            |   |
|---|--|-----|--|------------|---|
| Groundwater protection                        | Optimise discharge and assure compliance with elvs by generating at least six weeks of continuous data           | 50  | Two seperate trials were carried out during 2011 in order to optimise the effluent from the WWTP. It must be empathised there was no discharge from the WWTP in 2011 with all waste water tankered off site Bio nutrient was added to the waste water entering the plant in order help biological activity in the aeration tanks. The second trial invovled dosing the waste water with ferric alum in order to increase solid settlement in the final clarifier and primary settlement tank | Individual | Improved Environmental Management Practices |
| Groundwater protection                        | Analyse influent & discharge from oil interceptor  | 50  | Influent analysed. As agreed with the Agency there were no discharges from the oil interceptor during 2011.  | Individual | Improved Environmental Management Practices |
| Waste reduction/Raw material usage efficiency | Further roll out of brown bins for source seperated organic collection to both commercial and domestic customers | 100 | Bins for source seperated organic waste (brown bins) was rolled out to a further 800 domestic customers during 2011 and all relevant commercial customers have received a brown bin allowing for such waste to be sent to composting facility.   | Individual | Improved Environmental Management Practices |
| Waste reduction/Raw material usage efficiency | Receive Licence and commence construction of a biogas/composting facility  | 10  | Further information submitted to the EPA in 2011. Due to receivership, additional information requested and responses submitted. Development of the facility will be subject to the outcome of the receivership process.   | Individual | Installation of infrastructure              |
| Waste reduction/Raw material usage efficiency | Expand fleet of dual compartment trucks  | 100 | 3 dual compartment vehicles added to fleet during 2011   | Individual | Improved Environmental Management Practices |
| Waste reduction/Raw material usage efficiency | Waste recycling educational campaign   | 100 | Information leaflets regarding recycling given to customers and training provided as required to commercial customers. This will be continued in 2012  | Individual | Improved Environmental Management Practices |

**Noise Monitoring Report Summary**

- 1 Was noise monitoring a licence requirement for the AER period? Yes  
 If yes please fill in table 1 noise summary below
- 2 Was noise monitoring carried out using the EPA Guidance note including completion of the "Checklist for noise measurement report" included in the guidance note as table 6? Yes [Draft Noise Guidance](#)
- 3 Does your site have a noise reduction plan Yes
- 4 When was the noise reduction plan last updated? Oct-11
- 5 Have there been changes relevant to site noise emissions (e.g. plant or operational changes) since the last noise survey? No

**Table 1: Noise monitoring summary**

| Date of monitoring | Time period | Noise location (on site) | Noise sensitive location -NSL (if applicable) | LA <sub>eq</sub> | LA <sub>90</sub> | LA <sub>10</sub> | LA <sub>max</sub> | Tonal or Impulsive noise* (Y/N) | If tonal /impulsive noise was identified was 5dB penalty applied? | Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)   | Is site compliant with noise limits (day/evening/night)? |
|--------------------|-------------|--------------------------|---|------------------|------------------|------------------|-------------------|---------------------------------|---|--|--|
| 10/11/2011         | 7-8am       | No                       | NSL1  | 57.8             | 40.8             | 60.1             |                   | No                              |   | The main contributor was passing local traffic and analysis indicates that the operation of the facility is not contributing to noise nuisance at the location | Yes  |
| 10/11/2011         | 8-9am       | No                       | NSL1  | 59.8             | 42.2             | 57.5             |                   | No                              |   | As above   | Yes  |
| 11/11/2011         | 7-8am       | No                       | NSL2  | 64.3             | 42.8             | 57.5             |                   | No                              |   | As above   | Yes  |
| 10/11/2011         | 8-9am       | No                       | NSL2  | 63.7             | 43.2             | 58.5             |                   | No                              |   | As above   | Yes  |
| 10/11/2011         | 7-8am       | No                       | NSL3  | 58.4             | 43.9             | 60.2             |                   | No                              |   | As above   | Yes  |
| 10/11/2011         | 8-9am       | No                       | NSL3  | 62.2             | 45.4             | 59.8             |                   | No                              |   | As above   | Yes  |
| 11/11/2011         | 7-8am       | No                       | NSL4  | 57.5             | 37.6             | 54.5             |                   | No                              |   | As above   | Yes  |
| 10/11/2011         | 8-9am       | No                       | NSL4  | 59.4             | 40.4             | 54.6             |                   | No                              |   | As above   | Yes  |
| 02/06/2011         | 7-8am       | No                       | NSL1  | 59.5             | 41.9             | 61.1             |                   | No                              |   | As above   | Yes  |
| 02/06/2011         | 8-9am       | No                       | NSL1  | 62.3             | 42.3             | 57.9             |                   | No                              |   | As above   | Yes  |
| 03/06/2011         | 7-8am       | No                       | NSL2  | 62.2             | 41.1             | 56.7             |                   | No                              |   | As above   | Yes  |
| 02/06/2011         | 8-9am       | No                       | NSL2  | 60.2             | 39.8             | 59.4             |                   | No                              |   | As above   | Yes  |
| 02/06/2011         | 7-8am       | No                       | NSL3  | 60.8             | 42.1             | 58.9             |                   | No                              |   | As above   | Yes  |
| 02/06/2011         | 8-9am       | No                       | NSL3  | 62.3             | 38.4             | 57.4             |                   | No                              |   | As above   | Yes  |
| 02/06/2012         | 7-8am       | No                       | NSL4  | 57.7             | 39.3             | 55.4             |                   | No                              |   | As above   | Yes  |
| 02/06/2012         | 8-9am       | No                       | NSL4  | 60.1             | 43.3             | 58.3             |                   | No                              |   | As above   | Yes  |

\*Please ensure that a tonal analysis has been carried out as per guidance note NG4. These records must be maintained onsite for future inspection

If noise limits exceeded as a result of noise attributed to site activities, please choose the corrective action from the following options?

N/A

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

Resource usage/ Energy Efficiency

**Additional information**

- 1 When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below
- 2 Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI programme linked to the right? If yes please list them in additional information
- 3 Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information

|        |     |
|--------|-----|
|        | n/a |
| no     |     |
| SELECT | n/a |

| Table 1 Energy usage on site       |                   |                  |  |  |
|------------------------------------|-------------------|------------------|--|--|
| Energy Use                         | Previous year kWh | Current year kWh | Production +/- % compared to previous reporting year** | Energy Consumption +/- % vs overall site production* |
| Total                              |                   |                  |  |  |
| Electricity                        | 1,436,622         | 1,091,920        | -12.90%  | -12.60%  |
| Fossil Fuels:                      |                   |                  |  |  |
| Heavy Fuel Oil                     |                   |                  |  |  |
| Light Fuel Oil                     | 210,000 litres    | 135,000 Litres   | -12.90%  | -26.80%  |
| Natural gas                        |                   |                  |  |  |
| Coal/Solid fuel                    |                   |                  |  |  |
| Renewable energy generated on site |                   |                  |  |  |

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

| Table 2 Water usage on site |                      |                     |  |  |
|-----------------------------|----------------------|---------------------|--|--|
| Water use                   | Previous year m3/yr. | Current year m3/yr. | Production +/- % compared to previous reporting year** | Energy Consumption +/- % vs overall site production* |
| Groundwater                 |                      |                     |  |  |
| Surface water               |                      |                     |  |  |
| Public supply               | 1860                 | 1620                | -12.90%  | No change  |
| Total                       |                      |                     |  |  |

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

| Table 3: Energy Audit finding recommendations |                 |                                  |                    |                            |                     |                |                 |                     |
|---|-----------------|----------------------------------|--------------------|----------------------------|---------------------|----------------|-----------------|---------------------|
| Date of audit                                 | Recommendations | Description of Measures proposed | Origin of measures | Predicted energy savings % | Implementation date | Responsibility | Completion date | Status and comments |
|   |                 |                                  | SELECT             |                            |                     |                |                 |                     |
|   |                 |                                  | SELECT             |                            |                     |                |                 |                     |
|   |                 |                                  | SELECT             |                            |                     |                |                 |                     |

| Complaints   |  | Additional information |
|--|--|------------------------|
| Have you received any environmental complaints in the current reporting year? If yes please complete summary details of complaints received on site in table 1 below |  | Yes                    |

| Table 1 Complaints summary                          |          |                             |  |   |                   |                 |                     |
|---|----------|-----------------------------|--|---|-------------------|-----------------|---------------------|
| Date  | Category | Other type (please specify) | Brief description of complaint (Free txt <20 words)  | Corrective action< 20 words   | Resolution status | Resolution date | Further information |
| 29-Oct  | Odour    |                             | Complaint re odour emanating from the WWTP. Odour patrol completed. Localised odour detected at WWTP but no odours detected outside site boundary. Wind(north/Northeast) in opposite direction to location of complainant and away from public roadway and any nearby houses. here was no impact off-site. | Waste water was removed from the storage tanks associated with the WWTP. Odour neutraliser was used in the area as a precautionary measure.   | Complete          | 03-Nov          |                     |
| 30 & 31-Oct   | Odour    |                             | Complaint received by EPA regarding a bad smell from the facility. An odour patrol had been conducted on 29.10.11 and no odours were detected offsite. A localised odour was detected at the WWTP. Wind direction was northerly -away from the public roadway and any nearby houses.                       | Waste water was removed from the storage tanks associated with the WWTP. Odour neutraliser was used in the area as a precautionary measure  | Complete          | 03-Nov          |                     |
| 31-Oct  | Odour    |                             | Complaint received by EPA regarding vehicles leaving the facility. Some vehicles left the site to remove waste water off-site following the above complaints and due to operations being affected the previous week with the company going into receivership.  | Application submitted to the EPA on the 4th of November to amend condition 1.7.3 of the licence so that waste can be accepted at the facility on a Bank holiday with advanced approval from the EPA | Complete          | 03-Nov          |                     |
|   | SELECT   |                             |  |   | SELECT            |                 |                     |
|   | SELECT   |                             |  |   | SELECT            |                 |                     |
| Total complaints open at start of reporting year    |          | 0                           |  |   |                   |                 |                     |
| Total new complaints received during reporting year |          | 3                           |  |   |                   |                 |                     |
| Total complaints closed during reporting year       |          | 3                           |  |   |                   |                 |                     |
| Balance of complaints end of reporting year         |          | 0                           |  |   |                   |                 |                     |

| Incidents  |  | Additional information |
|--|--|------------------------|
| Have any incidents occurred on site in the current reporting year? Please list all incidents for current reporting year in Table 2 below |  | No                     |

on how to report and what constitutes an incident [What is an incident](#)

| Table 2 Incidents summary |                 |                        |  |          |                   |                             |                                 |               |            |                            |                               |                   |                 |                            |
|---------------------------|-----------------|------------------------|--|----------|-------------------|-----------------------------|---------------------------------|---------------|------------|----------------------------|-------------------------------|-------------------|-----------------|----------------------------|
| Date of occurrence        | Incident nature | Location of occurrence | Incident category*please refer to guidance | Receptor | Cause of incident | Other cause(please specify) | Activity in progress at time of | Communication | Occurrence | Corrective action<20 words | Preventative action <20 words | Resolution status | Resolution date | Likelihood of reoccurrence |
| SELECT                    | SELECT          | SELECT                 | SELECT                                     | SELECT   | SELECT            |                             | SELECT                          | SELECT        | SELECT     |                            |                               | SELECT            |                 | SELECT                     |
| SELECT                    | SELECT          | SELECT                 | SELECT                                     | SELECT   | SELECT            |                             | SELECT                          | SELECT        | SELECT     |                            |                               | SELECT            |                 | SELECT                     |
| SELECT                    | SELECT          | SELECT                 | SELECT                                     | SELECT   | SELECT            |                             | SELECT                          | SELECT        | SELECT     |                            |                               | SELECT            |                 | SELECT                     |
| SELECT                    | SELECT          | SELECT                 | SELECT                                     | SELECT   | SELECT            |                             | SELECT                          | SELECT        | SELECT     |                            |                               | SELECT            |                 | SELECT                     |
| SELECT                    | SELECT          | SELECT                 | SELECT                                     | SELECT   | SELECT            |                             | SELECT                          | SELECT        | SELECT     |                            |                               | SELECT            |                 | SELECT                     |

|   |  |
|---|--|
| Total number of incidents current year  |  |
| Total number of incidents previous year |  |
| % reduction/increase                    |  |



**SECTION A-PRTR WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES** PRTR Facility Logon dropdown list click to see options

**SECTION B- WASTE ACCEPTED ONTO SITE-TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES**

Were any wastes accepted onto your site for recovery or disposal or treatment prior to recovery or disposal within the boundaries of your facility? (waste generated within your boundaries is to be captured through PRTR reporting)

1  Yes  No

If yes please enter details in table 1 below

2 Did your site have any rejected consignments of waste in the current reporting year? If yes please give a brief explanation in the additional information

3  No  No

Was waste accepted onto your site that was generated outside the Republic of Ireland? If yes please state the quantity in tonnes in additional information

**Table 1 Details of waste accepted onto your site for recovery, disposal or treatment (do not include wastes generated at your site, as these will have been reported in your PRTR workbook)**

| Licensed annual tonnage limit for your site (total tonnes/annum) | EWIC code | Source of waste accepted  | Description of waste accepted<br><i>Please enter an accurate and detailed description which applies to European Waste Catalogue EWIC codes</i> | Quantity of waste accepted in current reporting year (tonnes) | Quantity of waste accepted in previous reporting year (tonnes) | Reduction/Increase over previous year +/- % | Reason for reduction/increase from previous reporting year                   | Packaging Content (%)<br><i>only applies if the waste has a packaging component</i> | Disposal/Recovery or treatment operation carried out at your site and the description of this operation  | Quantity of waste remaining on site at the end of reporting year (tonnes) | Comments                                 |
|--|-----------|---|--|---|--|---|--|---|--|---|--|
| E.g.   | 07 05 04* | 07- WASTES FROM ORGANIC CHEMICAL PROCESSES  | other organic solvents, washing liquids and mother liquors   | 22  | 12   | -81%  |  | 0% SELECT   |  |   | Brought onto site from sister IPPC plant |
| E.g.   | 20 01 08  | 20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS | biodegradable kitchen and canteen waste  | 10  | 20   | -50%  |  | 0% SELECT   |  |   |  |
| 105,000  | 20 03 01  | 20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS | mixed municipal waste  | 63327.66  | 71,972.81  |   | Diversion of waste to alternative facility                                   | No data available   | R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11) | 0   |  |
| 105,000  | 20 03 01  | 20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS | Mixed dry recyclables  | 14278.17  | 13082.75   |   | Increased recycling rates/diversion of mixed dry recyclables to the facility | 59%   | R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11) | 0   |  |
| 105,000  | 20 01 08  | 20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS | Source separated organic waste   | 3976.57   | 1959.11  |   | Increased roll out of source separated organic waste collection service      | <5%   | R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11) | 40  |  |
| 105,000  | 20 01 01  | 20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS | News & pams  | 13.16   | 991.92   |   | Less news & pams waste received from commercial customers                    | <5%   | R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11) | 0   |  |
| 105,000  | 20 01 01  | 20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS | Mixed paper  | 23.58   | 1515.46  |   | Less mixed paper waste received from commercial customers                    | 59%   | R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11) | 0   |  |
| 105,000  | 20 01 11  | 20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS | Textiles   | 1.08  | 0  |   | A separate collection service was not offered for textiles in 2010           | 0%  | R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11) | 0   |  |

|         |          |   |   |          |          |  |      |  |     |
|---------|----------|---|---|----------|----------|--|------|--|-----|
| 105,000 | 20 01 38 | 20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS | Wood waste from municipal sources       | 234.05   | 247.41   | No significant change  | 52%  | R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11) | 65  |
| 105,000 | 20 03 07 | 20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS | Bulky waste                             | 8642.02  | 14316.75 | Less bulky waste received from customers in 2011               | <5%  | R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11) | 60  |
| 105,000 | 15 01 01 | 15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED                            | Cardboard & paper packaging             | 3636.61  | 4814.83  | Less cardboard packaging waste received from customers in 2011 | >99% | R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11) | 56  |
| 105,000 | 15 01 02 | 15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED                            | Segregated plastic packaging            | 683.15   | 1640.45  | Less plastic packaging waste received from customers in 2011   | >99% | R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11) | 2   |
| 105,000 | 15 01 03 | 15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED                            | Segregated wood packaging               | 253.55   | 268.02   | No significant change  | >99% | R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11) | 65  |
| 105,000 | 15 01 04 | 15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED                            | Segregated steel packaging (steel cans) | 114.92   | 292.31   | More mixed cans accepted in 2011                               | >99% | R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11) | 21  |
| 105,000 | 15 01 04 | 15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED                            | Aluminium packaging                     | 76.98    | 296.82   | More mixed cans accepted in 2011                               | >99% | R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11) | 8   |
| 105,000 | 15 01 06 | 15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED                            | Mixed steel and aluminium cans          | 221.48   | 23.35    | Less separated aluminium and steel cans accepted               | >99% | R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11) | 0   |
| 105,000 | 15 01 07 | 15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED                            | Segregated glass packaging              | 17661.22 | 17914.6  | No significant change  | >99% | R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11) | 800 |
| 105,000 | 17 04 07 | 17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)   | Iron & steel scrap from C&D waste       | 199.05   | 75.89    | Less iron&steel scrap received during 2011                     | <5%  | R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11) | 0   |

|         |          |   |   |        |         |   |     |  |   |
|---------|----------|---|---|--------|---------|---|-----|--|---|
| 105,000 | 17 09 04 | 17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)   | Mixed C&D waste                         | 694.49 | 1790.66 | less C&D waste received from customers in 2011      | 5%  | R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11) | 0 |
| 105,000 | 17 05 04 | 17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)   | Soil & stone from C&D waste             | 5.42   | 0       | More soil and stone received from customers in 2011 | 0%  | R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11) | 0 |
| 105,000 | 19 12 10 | 19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE | Combustible waste (refuse derived fuel) | 348.5  | 246.14  | Source diverted RDF to alternative facility         | 36% | R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11) | 0 |
|         |          | SELECT  |   |        |         | #DIV/0!   |     | SELECT   |   |
|         |          | SELECT  |   |        |         | #DIV/0!   |     | SELECT   |   |

**SECTION C-TO BE COMPLETED BY ALL WASTE FACILITIES (waste transfer stations, Composters, Material recovery facilities etc) EXCEPT LANDFILL SITES**

- 4 Is all waste processing infrastructure as required by your licence and approved by the Agency in place? If no please list waste processing infrastructure required onsite
- 5 Is all waste storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on site
- 6 Does your facility have relevant nuisance controls in place?
- 7 Do you have an odour management system in place for your facility? If no why?
- 8 Do you maintain a sludge register on site?

|     |  |
|-----|--|
| No  | Timber shredding area to be enclosed subject to outcome of receivershop/ resources being provided. |
| No  | Timber storage area to be enclosed subject to outcome of receivershop/ resources being provided.   |
| Yes |  |
| Yes |  |
| No  |  |

**SECTION D-TO BE COMPLETED BY LANDFILL SITES ONLY**

**Table 2 Waste type and tonnage-landfill only**

| Waste types permitted for disposal   | Authorised/licenced annual intake for disposal (tpa) | Actual intake for disposal in reporting year (tpa) | Remaining licensed capacity at end of reporting year (m3) | Comments |
|--------------------------------------|--|--|---|----------|
| e.g. Household (residual)            | 30,000   | 22,000   |   |          |
| e.g. Industrial non hazardous solids | 500  | 60   | 120,000   |          |

**Table 3 General information-Landfill only**

| Area ID | Date landfilling commenced | Date landfilling ceased | Currently landfilling | Private or Public Operated | Inert or non-hazardous | Predicted date to cease landfilling | Licence permits asbestos | Is there a separate cell for asbestos? | Accepted asbestos in reporting year | Total disposal area occupied by waste | Lined disposal area occupied by waste | Unlined area | Comments on liner type |
|---------|----------------------------|-------------------------|-----------------------|----------------------------|------------------------|-------------------------------------|--------------------------|--|-------------------------------------|---------------------------------------|---------------------------------------|--------------|------------------------|
|         |                            |                         |                       |                            |                        |                                     |                          |  |                                     | SELECT UNIT                           | SELECT UNIT                           | SELECT UNIT  |                        |
| Cell 8  |                            |                         |                       |                            |                        |                                     |                          |  |                                     |                                       |                                       |              |                        |

**Table 4 Environmental monitoring-landfill only** [Landfill Manual-Monitoring Standards](#)

| Was meteorological monitoring in compliance with Landfill Directive (LD) standard in reporting year + | Was leachate monitored in compliance with LD standard in reporting year | Was Landfill Gas monitored in compliance with LD standard in reporting year | Was SW monitored in compliance with LD standard in reporting year | Have GV trigger levels been established | Were emission limit values agreed with the Agency (ELVs) | Was topography of the site surveyed in reporting year | Has the statement under SSS(A)(5) of WMA been submitted in reporting year | Comments |
|---|---|---|---|---|--|---|---|----------|
|   |   |   |   |   |  |   |   |          |

+ please refer to Landfill Manual linked above for relevant Landfill Directive monitoring standards

**Table 5 Capping-Landfill only**

| Area uncapped* | Area with temporary cap | Area with final cap to LD Standard m2 ha, a | Area capped other | Area with waste that should be permanently capped to date under licence | What materials are used in the cap | Comments |
|----------------|-------------------------|---|-------------------|---|------------------------------------|----------|
| SELECT UNIT    | SELECT UNIT             |   |                   |   |                                    |          |

\*please note this includes daily cover area

**Table 6 Leachate-Landfill only**

9 Is leachate from your site treated in a Waste Water Treatment Plant?

10 Is leachate released to surface water? If yes please complete leachate mass load information below

|        |
|--------|
| SELECT |
| SELECT |

| Volume of leachate in reporting year(m3) | Leachate (BOD) mass load (kg/ammum) | Leachate (COD) mass load (kg/ammum) | Leachate (NH4) mass load (kg/ammum) | Leachate (Chloride) mass load kg/ammum | Leachate treatment on-site | Specify type of leachate treatment | Comments |
|--|-------------------------------------|-------------------------------------|-------------------------------------|--|----------------------------|------------------------------------|----------|
|--|-------------------------------------|-------------------------------------|-------------------------------------|--|----------------------------|------------------------------------|----------|

Please ensure that all information reported in the landfill gas section is consistent with the Landfill Gas Survey submitted in conjunction with PRTR returns

Table 7 Landfill Gas-Landfill only

| Gas Captured&Treated by LFG System m3 | Power generated (MW/ KWh) | Used on-site or to national grid | Was surface emissions monitoring performed during the reporting year? | Comments |
|---------------------------------------|---------------------------|----------------------------------|---|----------|
|                                       |                           |                                  | SELECT  |          |



Environmental Protection Agency

| PRTR# : W0061 | Facility Name : Mr Binman Ltd | Filename : W0061\_2011  
PRTR.xls | Return Year : 2011 |

Guidance to completing the PRTR workbook

# AER Returns Workbook

Version 1.1.13

|                       |      |
|-----------------------|------|
| <b>REFERENCE YEAR</b> | 2011 |
|-----------------------|------|

**1. FACILITY IDENTIFICATION**

|                            |                   |
|----------------------------|-------------------|
| Parent Company Name        | Mr Binman Limited |
| Facility Name              | Mr Binman Ltd     |
| PRTR Identification Number | W0061             |
| Licence Number             | W0061-02          |

Waste or IPPC Classes of Activity

| No.  | class_name  |
|--|---|
| 3.12   | Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.  |
| 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.     |
| 4.10   | The treatment of any waste on land with a consequential benefit for an agricultural activity or ecological system.  |
| 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                                      | Luddenmore  |
| Address 2                                      | Grange  |
| Address 3                                      | Kilmallock  |
| Address 4                                      | Co. Limerick  |
|  | Limerick  |
| Country  | Ireland   |
| Coordinates of Location                        | -8.52384 52.5756  |
| River Basin District                           | IEGBNISH  |
| NACE Code                                      | 3821  |
| Main Economic Activity                         | Treatment and disposal of non-hazardous waste   |
| <b>AER Returns Contact Name</b>                | Peter Murphy  |
| <b>AER Returns Contact Email Address</b>       | environment@mrbinman.com  |
| <b>AER Returns Contact Position</b>            | Environmental officer   |
| <b>AER Returns Contact Telephone Number</b>    | 061 359051  |
| <b>AER Returns Contact Mobile Phone Number</b> |   |
| <b>AER Returns Contact Fax Number</b>          | 061 359099  |
| <b>Production Volume</b>                       | 0.0   |
| <b>Production Volume Units</b>                 |   |
| <b>Number of Installations</b>                 | 0   |
| <b>Number of Operating Hours in Year</b>       | 0   |
| <b>Number of Employees</b>                     | 0   |
| <b>User Feedback/Comments</b>                  |   |
| <b>Web Address</b>                             |   |

**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   |
| <b>3. SOLVENTS REGULATIONS (S.I. No. 543 of 2002)</b>                               |   |
| Is it applicable?   |   |
| Have you been granted an exemption ?  |   |
| If applicable which activity class applies (as per Schedule 2 of the regulations) ? |   |
| Is the reduction scheme compliance route being used ?                               |   |

**5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE**

PRTR#: W0061 | Facility Name : Mr Birman Ltd | Filename : W0061\_2011 PRTR.xls | Return Year : 2011 |

Please enter all quantities on this sheet in Tonnes

| Transfer Destination | European Waste Code | 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 | Haz Waste : Name and Licence/Permit No of Recover/Disposer  | Name and Licence / Permit No. and Address of Recoverer / Disposer (HAZARDOUS WASTE ONLY) | Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY) |
|----------------------|---------------------|----------------------------|--|---------------------------|-------------|-------------|-----------------------|---|---|--|--|
|                      |                     |                            |  |                           | M/C/E       | Method Used |                       |   |   |  |  |
| To Other Countries   | 15 01 07            | No                         | 12558.7 glass packaging  | R5                        | M           | Weighted    | Abroad                | Quinn Glass Ltd,NR092006561   | Tonemore ,Derylin ,Co. Fermanagh ,BT 92   |  |  |
| To Other Countries   | 15 01 04            | No                         | 73.22 metallic packaging   | R4                        | M           | Weighted    | Abroad                | Novelis UK Ltd,BL6602   | 9AU,United Kingdom Latchford Locks Works Warrington,Cheshire,UK   |  |  |
| Within the Country   | 15 01 01            | No                         | 3242.52 paper and cardboard packaging other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 | R3                        | M           | Weighted    | Offsite in Ireland    | Irish Packaging & Recycling Ltd ,WPR 02/12                          | WA4 1NN,United Kingdom Ballymount Rd Walkinstown,Dublin 12,..,Ireland   |  |  |
| Within the Country   | 19 12 12            | No                         | 855.66 11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12                             | R3                        | M           | Weighted    | Offsite in Ireland    | Entich ,08/0004/01  | Newtownshanganley,Kilcock, Co. Meath,..,Ireland Unit 4 Oberstown Ind. Park Caragh Road ,Naas ,Co. Kildare,Ireland |  |  |
| Within the Country   | 15 01 07            | No                         | 1244.04 glass packaging other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12               | R5                        | M           | Weighted    | Offsite in Ireland    | Rehab Glassco,WFP-KE-08-0357-01                                     |   |  |  |
| Within the Country   | 19 12 12            | No                         | 597.56 11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12                             | D10                       | M           | Weighted    | Offsite in Ireland    | Indaver Waste to Energy facility,W0167-02                           |   |  |  |
| Within the Country   | 19 12 12            | No                         | 2128.08 11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12                            | D10                       | M           | Weighted    | Offsite in Ireland    | Indaver Waste to Energy facility,W0167-02                           |   |  |  |
| Within the Country   | 19 12 10            | No                         | 352.5 combustible waste (refuse derived fuel)  | D10                       | M           | Weighted    | Offsite in Ireland    | Highlander International Recycling                                  |   |  |  |
| To Other Countries   | 15 01 01            | No                         | 192.16 paper and cardboard packaging   | R3                        | M           | Weighted    | Abroad                | Ltd,SCO/04794/CB  | 1 Teign Grove,East Kilbride ..,G75 8UZ ,United Kingdom  |  |  |
| To Other Countries   | 20 01 39            | No                         | 23.78 plastics   | R3                        | M           | Weighted    | Abroad                | Recycling Ltd,SCO/04794/CB  | 1 Teign Grove,East Kilbride ..,G75 8UZ ,United Kingdom 47 swaffham Road,Burnwell,Cambridge,C Kingdom              |  |  |
| To Other Countries   | 15 01 01            | No                         | 416.76 paper and cardboard packaging   | R3                        | M           | Weighted    | Abroad                | Boost recycling,CB/ZP3714Q  | 47 swaffham Road,Burnwell,Cambridge,C B25 0AN UK,United Kingdom   |  |  |
| To Other Countries   | 15 01 04            | No                         | 71.42 metallic packaging other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12              | R4                        | M           | Weighted    | Abroad                | Boost recycling,CB/ZP3714Q  |   |  |  |
| Within the Country   | 19 12 12            | No                         | 1276.7 11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12                             | D1                        | M           | Weighted    | Offsite in Ireland    | Greenstar Connaught regional residual landfill,W0178-01             |   |  |  |
| Within the Country   | 19 12 12            | No                         | 18843.79 11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12                           | D1                        | M           | Weighted    | Offsite in Ireland    | Greenstar Connaught regional residual landfill,W0178-01             |   |  |  |
| Within the Country   | 19 12 12            | No                         | 2174.04 11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12                            | D1                        | M           | Weighted    | Offsite in Ireland    | Greenstar Connaught regional residual landfill,W0178-01             |   |  |  |
| Within the Country   | 17 09 04            | No                         | 517.94 09 02 and 17 09 03 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17  | R10                       | M           | Weighted    | Offsite in Ireland    | Greenstar Connaught regional residual landfill,W0178-01             |   |  |  |

AER Returns Workbook

Sheet : Treatment Transfers of Waste

| Transfer Destination | European Waste Code | Quantity (Tonnes per Year) | Description of Waste   | Waste Treatment Operation | Method Used |               | Location of Treatment | Hazardous | Hkz Waste : Name and Licence/Permit No of Next Destination Facility<br>Hkz Waste : Name and Licence/Permit No of Recipient/Disposer | Hkz Waste : Address of Next Destination Facility<br>Hkz Waste : Address of Recipient/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       | M/Method Used |                       |           |   |  |  |  |
| Within the Country   | 19 12 10            | 2381.96                    | combustible waste (refuse derived fuel)  | R13                       | M           | Weighted      | Offsite in Ireland    | No        | Mr. Binman Ltd ,WP100A  | Crowley Brothers Warehouse No. 1 ,Dunmish ,Foynes ,Limerick,Ireland Mill river business park,carrick on suir,Co. Tipperary,,Iraaq Suite 1 ,30 Lancaster Gate London ,W2 3LP,United Kingdom |  |  |
| Within the Country   | 20 01 11            | 6.04                       | textiles   | R5                        | M           | Weighted      | Offsite in Ireland    | No        | Eco Environmental Ltd.  | Asia Global Trade LTD.,TNE/377194/B  |  |  |
| To Other Countries   | 15 01 01            | 23.6                       | paper and cardboard packaging  | R3                        | M           | Weighted      | Abroad                | No        | Asia Global Trade LTD.,TNE/377194/B   | London ,W2 3LP,United Kingdom  |  |  |
| To Other Countries   | 20 01 39            | 764.68                     | plastics   | R3                        | M           | Weighted      | Abroad                | No        | Asia Global Trade LTD.,TNE/377194/B   | London ,W2 3LP,United Kingdom  |  |  |
| Within the Country   | 20 01 08            | 1005.68                    | biodegradable kitchen and canteen waste other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 | R3                        | M           | Weighted      | Offsite in Ireland    | No        | O'Toole Compositing ,WP01/07  | Ballintraane ,Fenagh ,Co. Carlow,,Ireland  |  |  |
| Within the Country   | 19 12 12            | 27.82                      | 11   | R3                        | M           | Weighted      | Offsite in Ireland    | No        | O'Toole Compositing ,WP01/07  | Ballintraane ,Fenagh ,Co. Carlow,,Ireland  |  |  |
| To Other Countries   | 15 01 04            | 314.28                     | metallic packaging   | R4                        | M           | Weighted      | Abroad                | No        | WRC recycling,SEPA WMXW/26455   | Johnstone,Scotland,PA59Q S,United Kingdom Floors street  |  |  |
| To Other Countries   | 20 01 39            | 468.72                     | plastics   | R3                        | M           | Weighted      | Abroad                | No        | WRC recycling,SEPA WMXW/26455   | Johnstone,Scotland,PA58Q S,United Kingdom  |  |  |
| To Other Countries   | 20 01 39            | 115.35                     | plastics (including mixtures of other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12         | R3                        | M           | Weighted      | Abroad                | No        | Choice Waste Management Limited,CB/WVE536VU   | Biggleswade,Bedfordshire S G18 8QB,United Kingdom 14B phase 3 Road Estate,Rathcoole  |  |  |
| Within the Country   | 19 12 12            | 139.5                      | 11   | D1                        | M           | Weighted      | Offsite in Ireland    | No        | Greenstar West Dublin,W0185-01  | 3A,Greenogue Industrial Estate,Rathcoole ,Dublin,,Ireland  |  |  |
| Within the Country   | 19 12 12            | 131.32                     | 11   | D1                        | M           | Weighted      | Offsite in Ireland    | No        | Greenstar limited,WL53-03   | Bray Depot,Fassaroe ,Bray Depot,Wicklow,Ireland  |  |  |
| Within the Country   | 20 03 07            | 10.6                       | bulky waste  | R5                        | M           | Weighted      | Offsite in Ireland    | No        | ONeara waste,WFP-TS-10-0006-01  | Ballylynch,Carriack on suir,Co. Tipperary,,Ireland   |  |  |
| Within the Country   | 20 01 01            | 33.78                      | paper and cardboard  | R12                       | M           | Weighted      | Offsite in Ireland    | No        | Mr. Binman Clearpoint,WFP-TS-08-0079-01   | Ballylynch,Carriack on suir,Co. Tipperary,,Ireland   |  |  |
| Within the Country   | 20 03 01            | 5242.27                    | mixed municipal waste  | R12                       | M           | Weighted      | Offsite in Ireland    | No        | Mr. Binman Clearpoint,WFP-TS-08-0079-01   | Ballylynch,Carriack on suir,Co. Tipperary,,Ireland   |  |  |
| Within the Country   | 20 01 39            | 106.66                     | plastics   | R12                       | M           | Weighted      | Offsite in Ireland    | No        | Mr. Binman Clearpoint,WFP-TS-08-0079-01   | Ballylynch,Carriack on suir,Co. Tipperary,,Ireland   |  |  |
| Within the Country   | 20 01 08            | 2332.0                     | biodegradable kitchen and canteen waste  | R3                        | M           | Weighted      | Offsite in Ireland    | No        | Acom Recycling,W0249-01   | Ballybeg composting facility,Ballybeg,Littleton,Co. Tipperary,Ireland  |  |  |
| Within the Country   | 15 01 03            | 440.4                      | wooden packaging other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12                        | R3                        | M           | Weighted      | Offsite in Ireland    | No        | Acom Recycling,W0249-01   | Ballybeg composting facility,Ballybeg,Littleton,Co. Tipperary,Ireland  |  |  |
| Within the Country   | 19 12 12            | 10689.96                   | 11   | D1                        | M           | Weighted      | Offsite in Ireland    | No        | Limerick County Council,WL0017-04   | Gortadroma Landfill,Ballynahill,Co. Limerick,,Ireland  |  |  |



AER Returns Workbook

Sheet : Treatment Transfers of Waste

| Transfer Destination | European Waste Code | Hazardous | Quantity (Tonnes per Year) | Description of Waste  | Waste Treatment Operation | Method Used |             | Location of Treatment | Licence/Permit No of Next Destination (by Name and Non-Haz Waste Address of Recover/Disposer) | Haz Waste - Name and Non-Haz Waste Address of Recover/Disposer      | Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY) | Actual Address of Final Destination i.e. Final Recoverer / Disposal Site (HAZARDOUS WASTE ONLY) |
|----------------------|---------------------|-----------|----------------------------|---|---------------------------|-------------|-------------|-----------------------|---|---|--|---|
|                      |                     |           |                            |   |                           | M/C/E       | Method Used |                       |   |   |  |   |
| Within the Country   | 19 12 12            | No        | 17586.09                   | other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12            | D1                        | M           | Weighted    | Offsite in Ireland    | Limerick County Council, WL0017-04  | Gortadroma Landfill, Ballynahill, Co. Limerick, Ireland             |  |   |
| Within the Country   | 19 12 12            | No        | 4710.23                    | other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12            | D1                        | M           | Weighted    | Offsite in Ireland    | Limerick County Council, WL0017-04  | Gortadroma Landfill, Ballynahill, Co. Limerick, Ireland             |  |   |
| To Other Countries   | 20 01 01            | No        | 859.56                     | paper and cardboard   | R3                        | M           | Weighted    | Abroad                | Marwin Environmental Trading Ltd., IRE/G027/08  | Marwin Environmental Campus, Bishopstown, Cork, Ireland             |  |   |
| To Other Countries   | 15 01 04            | No        | 316.78                     | metallic packaging  | R4                        | M           | Weighted    | Abroad                | Marwin Environmental Trading Ltd., IRE/G027/08  | Marwin Environmental Campus, Bishopstown, Cork, Ireland             |  |   |
| To Other Countries   | 20 01 01            | No        | 3072.0                     | paper and cardboard   | R3                        | M           | Weighted    | Abroad                | DORDRECHT Gebiedsteam Zuid Postbus 550 3300 AN Dordrecht                                      | Baanhoekweg 4, 3313, LA Dordrecht, Netherlands                      |  |   |
| To Other Countries   | 20 01 39            | No        | 42.9                       | plastics  | R3                        | M           | Weighted    | Abroad                | DORDRECHT Gebiedsteam Zuid Postbus 550 3300 AN Dordrecht                                      | Baanhoekweg 4, 3313, LA Dordrecht, Netherlands                      |  |   |
| Within the Country   | 15 01 07            | No        | 2238.41                    | glass packaging   | R5                        | M           | Weighted    | Offsite in Ireland    | Tullagower Quarries Ltd., 044/08/WPT7/CL  | Clare, Ireland  | KMK metals Recycling Ltd., W0113-03  | Cappincur Ind. Est., Daingean Road, Tullamore, Offaly, Ireland                                  |
| Within the Country   | 20 01 35            | Yes       | 5.96                       | discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components | R4                        | M           | Weighted    | Offsite in Ireland    | KMK metals Recycling Ltd., W0113-03   | Cappincur Ind. Est., Daingean Road, Tullamore, Offaly, Ireland      |  |   |
| Within the Country   | 20 01 40            | No        | 420.0                      | metals  | R4                        | M           | Weighted    | Offsite in Ireland    | Hegarty Metal & Recycling, WP 01-2001   | Ballysimon Rd, Limerick, Co. Limerick, Ireland                      |  |   |
| To Other Countries   | 15 01 04            | No        | 17.18                      | metallic packaging  | R4                        | M           | Weighted    | Abroad                | Remet company Ltd., WML80115  | 4SR, United Kingdom Killivalling, Whites Cross, Co. Cork, Ireland   |  |   |
| Within the Country   | 20 01 01            | No        | 23.02                      | paper and cardboard   | R3                        | M           | Weighted    | Offsite in Ireland    | Gaelic Environmental Services, IRE/G019/08  | Suite 50, Lancaster Gate London, W2 3LP, United Kingdom             |  |   |
| To Other Countries   | 20 01 01            | No        | 577.22                     | paper and cardboard   | R3                        | M           | Weighted    | Abroad                | NV VOPC, TNE/377194/B   | Randor Park Ind Est., Congleton, Cheshire, CW12 4XE, United Kingdom |  |   |
| To Other Countries   | 15 01 04            | No        | 23.04                      | metallic packaging  | R4                        | M           | Weighted    | Abroad                | Tandom Metallurgical Group LTD, QP3634KX  | Est. Congleton, Cheshire, CW12 4XE, United Kingdom                  |  |   |
| Within the Country   | 20 01 35            | Yes       | 22.98                      | discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components | R4                        | M           | Weighted    | Offsite in Ireland    | Electrical Waste Management Ltd., WFF-DS-09-0012-01   | Ballystrahan, St. Margarets, Dublin, Ireland                        |  |   |
| To Other Countries   | 20 01 01            | No        | 317.42                     | paper and cardboard gases in pressure containers other than those mentioned in 16 05 04   | R3                        | M           | Weighted    | Abroad                | Mark Lydon Paper Enterprises (uk) Limited, IRE/G021/08  | 1AE, United Kingdom long Mile Road, Dublin 12, Dublin, Ireland      |  |   |
| Within the Country   | 16 05 05            | No        | 0.96                       | those mentioned in 16 05 04   | R4                        | M           | Weighted    | Offsite in Ireland    | Color Gas   |   |  |   |

AER Returns Workbook

Sheet : Treatment Transfers of Waste

| Transfer Destination | European Waste Code | Hazardous | Quantity (Tonnes per Year) | Description of Waste  | Waste Treatment Operation | Method Used |             | Location of Treatment | Haz Waste : Name and Licence/Permit No of Next Destination Facility Name and Licence/Permit No of Recover/Disposer | Haz Waste : Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer | Name and Licence / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY) | Actual Address of Final Destination i.e. Final Recoverer / Disposal Site (HAZARDOUS WASTE ONLY) |
|----------------------|---------------------|-----------|----------------------------|---|---------------------------|-------------|-------------|-----------------------|--|---|--|---|
|                      |                     |           |                            |   |                           | M/C/E       | Method Used |                       |  |   |  |   |
| Within the Country   | 16 06 01            | Yes       | 0.64                       | lead batteries other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 | R6                        | M           | Weighted    | Offsite in Ireland    | Envva,W0184-1  | Enva, W0184-1, Clonminam Estate, Portlaoise, Laois, Ireland                                 | Enva, W0184-1, Clonminam Estate, Portlaoise, Laois, Ireland                                    | Clonminam Industrial Estate, Portlaoise, Laois, Ireland   |
| Within the Country   | 19 12 12            | No        | 195.24                     | 11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12             | D1                        | M           | Weighted    | Offsite in Ireland    | KTK landfill, W0081-03   | Brownstown and Carnalway, Kilkullen, Kildare, Co. Kildare, Ireland                          | Brownstown and Carnalway, Kilkullen, Kildare, Co. Kildare, Ireland                             | Clonminam Industrial Estate, Portlaoise, Laois, Ireland   |
| Within the Country   | 19 12 12            | No        | 8405.39                    | 11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12             | D1                        | M           | Weighted    | Offsite in Ireland    | KTK landfill, W0081-03   | Brownstown and Carnalway, Kilkullen, Kildare, Co. Kildare, Ireland                          | Brownstown and Carnalway, Kilkullen, Kildare, Co. Kildare, Ireland                             | Clonminam Industrial Estate, Portlaoise, Laois, Ireland   |
| Within the Country   | 16 10 02            | No        | 6093.62                    | 10 11 aqueous liquid wastes other than those mentioned in 16 10 01  | D1                        | M           | Weighted    | Offsite in Ireland    | Limerick City Council, D0013-01  | Limerick waste water treatment works, Bunlicky, Limerick, Ireland                           | Limerick waste water treatment works, Bunlicky, Limerick, Ireland                              | Clonminam Industrial Estate, Portlaoise, Laois, Ireland   |
| Within the Country   | 17 02 01            | No        | 101.38                     | wood  | R3                        | M           | Weighted    | Offsite in Ireland    | Miltown Composting Systems, W0270-01   | Miltownmore, Fethard, Co. Tipperary, Ireland  | Miltownmore, Fethard, Co. Tipperary, Ireland   | Clonminam Industrial Estate, Portlaoise, Laois, Ireland   |
| Within the Country   | 20 01 40            | No        | 260.5                      | metals  | R4                        | M           | Weighted    | Offsite in Ireland    | MSM Recycling Co. Ltd., W0079-01   | 41-42 Cookstown Ind. Est., Tallaght, Dublin   | 41-42 Cookstown Ind. Est., Tallaght, Dublin  | Clonminam Industrial Estate, Portlaoise, Laois, Ireland   |
| Within the Country   | 20 01 08            | No        | 200.72                     | biodegradable kitchen and canteen waste   | R3                        | M           | Weighted    | Offsite in Ireland    | Thorntons Recycling, W1095-01  | 24, Dublin, Ireland   | 24, Dublin, Ireland  | Clonminam Industrial Estate, Portlaoise, Laois, Ireland   |
| Within the Country   | 17 02 01            | No        | 170.78                     | wood other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12           | R3                        | M           | Weighted    | Offsite in Ireland    | Eirebloc Ltd, CK (s) 503/07  | Eirebloc Ltd, CK (s) 503/07   | Eirebloc Ltd, CK (s) 503/07  | Clonminam Industrial Estate, Portlaoise, Laois, Ireland   |
| Within the Country   | 19 12 12            | No        | 84.58                      | 11 plastics   | D1                        | M           | Weighted    | Offsite in Ireland    | Greenstar Holdings Ltd, W0146-02   | Knockharney Landfill, Knockharney, Co. Meath, Ireland                                       | Knockharney Landfill, Knockharney, Co. Meath, Ireland  | Clonminam Industrial Estate, Portlaoise, Laois, Ireland   |
| To Other Countries   | 20 01 39            | No        | 101.74                     | plastics  | R3                        | M           | Weighted    | Abroad                | AWS Eco Plastics Ltd, BLT/657629   | Wear, NE28 6HA, United Kingdom  | Wear, NE28 6HA, United Kingdom   | Clonminam Industrial Estate, Portlaoise, Laois, Ireland   |

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