

# **Annual Environmental Report**

2012



License No.W0227-01Reporting Period:1st January to 31st December 2012Submission Deadline:31st March 2012

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#### 1. Introduction

The following information represents the environmental performance of Lawlor Brothers (Waste Disposal) Ltd. t/a Access Waste Recycling in the period from the  $1^{st}$  of January 2012 to  $31^{st}$  of December 2012.

We welcome the Agency's new AER reporting templates which have been used for this AER. The majority of our emissions monitoring in 2012 was compliant, with the exception of some issues relating to elevated dust levels which have since been resolved. As part of our environmental management programme for 2013, these issues will be monitored further to ensure we maintain a satisfactory level of compliance. Also an updated organisational chart is enclosed in this report which depicts the changes made to our environmental management team in 2012.

Since receiving our EPA license (W0227-01) in 2007, we have continued with our commitment to minimize potential environmental impact as a result of our operations and to develop our business in a sustainable manner. The recent economic crisis has resulted in additional pressures on many industries, most notably the waste industry. Despite this, we have maintained a level of reasonable environmental compliance throughout while continuing to express a desire to cooperate fully with the Agency on all matters.

We look forward to meeting the further challenges presented to us in 2013 and working closely with the Agency to overcome same.

Kind Regards,

Nall Laulo

Niall Lawlor Director Lawlor Brother's (Waste Disposal) Ltd. t/a Access Waste Recycling

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#### 2. Environmental Management - Organisational Chart

Kevin O'Reilly replaced Ian Fallon as the company's environmental officer in November 2012. This has led to a review of the company's organisational chart as follows;



## 3. Summary Information

The following AER templates provided by the Agency have been completed where applicable and are enclosed;

- 3.1 Facility Summary Information
- 3.2 Air
- 3.3 Water & Wastewater
- 3.4 Bund testing
- 3.5 GW/Soil
- 3.6 ELRA
- 3.7 EMP
- 3.8 Noise
- 3.9 Resource-Energy
- 3.10 Complaints-incidents
- 3.11 Waste
- 3.12 PRTR Return for 2012 data

### **3.1.** Facility Summary Information

| Facility Information Summar                       | 'y   |               |             |   |  |  |  |  |  |
|---|--|---------------|-------------|---|--|--|--|--|--|
| AER Reporting Year                                | 2012   |               |             |   |  |  |  |  |  |
| Licence Register Number                           | W0227-01   |               |             |   |  |  |  |  |  |
| Name of site                                      | La   | wlor Bros.    | (Waste Di   | sposal) Ltd. T/A Access Waste Recycling         |  |  |  |  |  |
| Site Location                                     |  | Unit 28       | 3 JFK road, | JFK Ind. Es., Naas road, Dublin 12              |  |  |  |  |  |
| NACE Code   |  |               |             | 3832  |  |  |  |  |  |
|   | Class 11, 1  | 2 & 13 (Thi   | rd schedu   | le of Waste Management Acts 1996 to 2005)       |  |  |  |  |  |
| Class/Classes of Activity                         | Class 2, 3,  | 4 & 13 (Foι   | urth sched  | ule of Waste Management Acts 1996 to 2005)      |  |  |  |  |  |
| National Grid Reference (6E, 6 N)                 | +53° 19' 40  | ).13", -6° 21 | ' 24.57"    | <u> </u>  |  |  |  |  |  |
|   | Acceptanc  | e and pre-    | sorting of  | non-hazardous commercial, industrial and        |  |  |  |  |  |
|   | C&D skip   | wastes. No    | longer pa   | rticipating in the household waste market       |  |  |  |  |  |
| A description of the                              | since May  | of 2012.      | 0 1         |   |  |  |  |  |  |
| activities/processes at the site for the          | · ·  |               |             |   |  |  |  |  |  |
| reporting year. This should include               | Mechanical sorting achieved by way of trommel, screening, windshifters and |               |             |   |  |  |  |  |  |
| information such as production                    | picking lir  | ie. Segrega   | ted fractio | ons are then sent offiste to suitably licensed  |  |  |  |  |  |
| increases or decreases on site any                | facilities f   | or further i  | recvcling/i | recovery/disposal                               |  |  |  |  |  |
| infrastructural changes environmental             |  |               |             |   |  |  |  |  |  |
| nerformance which was measured                    | Monitorin  | g carried o   | ut to meas  | sure dust levels, stormwater and foulwater      |  |  |  |  |  |
| during the reporting year and an                  | emissions  | . Both stor   | m and fou   | lwater drainage systems are fitted with         |  |  |  |  |  |
| overview of compliance with your                  | intercepto   | ors and are   | subject to  | periodic integrity testing as part of PM        |  |  |  |  |  |
| licence listing all exceedances of                | schedule.  | Woodchip      | ping has b  | een moved indoors which was a key factor in     |  |  |  |  |  |
| licence limits (where applicable) and             | reducing   | nigh dust e   | missions t  | o compliant levels in the last round of testing |  |  |  |  |  |
| what they relate to e.g. air water                | Nov-Dec 2  | 012.          |             |   |  |  |  |  |  |
|   |  |               |             |   |  |  |  |  |  |
| noise.  | All waste  | entering ar   | nd leaving  | site is subject to checks and weighing at       |  |  |  |  |  |
|   | weighbrid  | lge with all  | records a   | vailable.                                       |  |  |  |  |  |
|   |  | 8             |             |   |  |  |  |  |  |
| Declaration:                                      |  |               |             |   |  |  |  |  |  |
| All the data and information presented in this re | nort has h   | en checke     | ed and ce   | rtified as being accurate. The quality of the   |  |  |  |  |  |
| information in                                    | s assured t  | o meet lic    | ence requ   | irements  |  |  |  |  |  |
|   | tion is assured to meet licence requirements.                              |               |             |   |  |  |  |  |  |
| Nam Latter  | 2  | 6/03/13       |             |   |  |  |  |  |  |
| Signature   |  | Date          |             |   |  |  |  |  |  |
| Group/Facility manager                            |  |               |             |   |  |  |  |  |  |
| (or nominated, suitably qualified and             |  |               |             |   |  |  |  |  |  |
| experienced deputy)                               |  |               |             |   |  |  |  |  |  |

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#### 3.2. Air Summary

|   | AIR-summar       | y template  |                   |                  |                                  | Lic No:        | W0227-01    |                        | Year                 | 2012        | 2                              |
|---|------------------|---|-------------------|------------------|----------------------------------|----------------|-------------|------------------------|----------------------|-------------|--------------------------------|
|   | Answer all ques  | tions and complete all ta   | bles where relev  | /ant             |                                  |                |             |                        |                      |             |                                |
|   |                  |   |                   |                  |                                  |                |             | Additional information | on                   |             |                                |
|   | Deserves aits    |   | -:                |                  | table 0.1 and 0.2 balavy far     |                |             |                        |                      |             |                                |
|   | Does your site   | nave licensed air emis  | sions? If yes ple | ease complete    | table A1 and A2 below for        |                |             |                        |                      |             |                                |
| 1 | the current repo | orting year and answer  | rurther question  | is. If you do no | ot nave licenced emissions       |                |             |                        |                      |             |                                |
|   | and do not       | complete a solvent ma   | anagement pla     | n (table A4 and  | a A5) you <u>do not </u> need to |                |             |                        |                      |             |                                |
|   |                  |   | complete the ta   | bies             |                                  | No             |             |                        |                      |             |                                |
|   |                  |   |                   |                  |                                  |                |             |                        |                      |             |                                |
|   | Periodic/        | Non-Continuous M  | onitoring         |                  |                                  |                |             |                        |                      |             |                                |
|   |                  |   |                   |                  |                                  |                |             |                        |                      |             |                                |
| 2 | Are there any    | results in breach of licen  | ce requirements   | ? If yes please  | provide brief details in the     |                |             |                        |                      |             |                                |
|   |                  | comme   | nt section of Tab | leA1 below       |                                  | Yes            |             |                        |                      |             |                                |
|   | Was all monito   | ring carried out in accord  | lance with FDA    | Basicair         |                                  |                |             |                        |                      |             |                                |
| 3 | guidance note    | AG2 and using the basic   | air monitoring    | monitoring       |                                  |                |             |                        |                      |             |                                |
|   | Surdance note    | e any results in breach of licence requir<br>comment section<br>onitoring carried out in accordance wit<br>note AG2 and using the basic air monit<br>checklist? |                   | checklist        | AGN2                             | Yes            |             |                        |                      |             |                                |
|   |                  |   |                   |                  |                                  |                |             |                        |                      | -           |                                |
|   |                  |   |                   |                  |                                  |                |             |                        |                      |             |                                |
|   | Table A1: Lic    | ensed Mass Emissi   | ons/Ambient       | data-period      | lic monitoring (non-cor          | ntinuous)      |             |                        |                      |             |                                |
|   |                  |   |                   |                  |                                  |                |             |                        |                      |             |                                |
|   |                  |   |                   |                  |                                  |                |             |                        |                      |             | Comments -reason               |
|   |                  |   |                   | ELV in licence   |                                  |                |             |                        |                      |             | for change in %                |
|   |                  |   |                   | or any           |                                  |                |             |                        |                      |             | mass load from                 |
|   | Emission         |   | Frequency of      | revision         |                                  |                | Unit of     | Compliant with         | Method of            | Annual mass | previous year if               |
|   | reference no:    | Parameter/ Substance  | Monitoring        | therof           | Licence Compliance criteria      | Measured value | measurement | licence limit          | analysis             | load (kg)   | applicable                     |
|   |                  |   |                   |                  |                                  | 695            |             | enter details in       |                      |             |                                |
|   | D1               | Dust  | Quarterly (Q2)    | 350              | Monthly average < ELV            |                | mg/m2/day   | comments box)          | Bergerhoff Gauge     |             | Woodchipping                   |
|   |                  |   |                   |                  |                                  | 2050           |             | no (if no please       |                      |             |                                |
|   | 0.2              | Duet  | Outersterly (O2)  | 250              |                                  |                |             | enter details in       | Deverenth off Course |             | <b>M</b> (a a al ala in a in a |
|   | 02               | Dust  | Quarterry (Q2)    | 350              | wonting average < ELV            | 162            | mg/mz/uay   | comments box)          | Bergemon Gauge       | <u> </u>    | woodchipping                   |
|   |                  |   |                   |                  |                                  | 102            |             |                        |                      |             |                                |
|   | D3               | Dust  | Quarterly (Q2)    | 350              | Monthly average < ELV            |                | mg/m2/day   | yes                    | Bergerhoff Gauge     | L           |                                |
|   |                  |   |                   |                  |                                  | 332            | 2           |                        |                      |             |                                |
|   | D1               | Dust  | Quarterly (Q3)    | 350              | Monthly average < ELV            |                | mg/m2/day   | yes                    | Bergerhoff Gauge     | 1           |                                |

|                  |                           |                      |          |                       | 903 |           | no (it no piease |                  |                   |
|------------------|---------------------------|----------------------|----------|-----------------------|-----|-----------|------------------|------------------|-------------------|
|                  |                           |                      |          |                       | 000 |           | enter details in |                  |                   |
| D2               | Dust                      | Quarterly (Q3)       | 350      | Monthly average < ELV |     | mg/m2/day | comments box)    | Bergerhoff Gauge | Woodchipping      |
|                  |                           |                      |          |                       | 146 |           |                  |                  |                   |
|                  | <b>.</b> .                |                      |          |                       |     |           |                  |                  |                   |
| D3               | Dust                      | Quarterly (Q3)       | 350      | Monthly average < ELV |     | mg/m2/day | yes              | Bergerhoff Gauge |                   |
|                  |                           |                      |          |                       | 333 |           |                  |                  | Reductions due to |
|                  |                           |                      |          |                       |     |           |                  |                  | woodchipping      |
| D1               | Dust                      | Quarterly (Q4)       | 350      | Monthly average < ELV |     | mg/m2/day | yes              | Bergerhoff Gauge | moved indoors     |
|                  |                           |                      |          |                       | 334 |           |                  |                  | Reductions due to |
|                  |                           |                      |          |                       |     |           |                  |                  | woodchipping      |
| D2               | Dust                      | Quarterly (Q4)       | 350      | Monthly average < ELV |     | mg/m2/day | yes              | Bergerhoff Gauge | moved indoors     |
|                  |                           |                      |          |                       | 353 |           |                  |                  | 3mg over ELV.     |
|                  |                           |                      |          |                       |     |           | no (if no please |                  | Suspected         |
|                  |                           |                      |          |                       |     |           | enter details in |                  | cause:pipework on |
| D3               | Dust                      | Quarterly (Q4)       | 350      | Monthly average < ELV |     | mg/m2/day | comments box)    | Bergerhoff Gauge | adjacent site     |
| Note 1: Volumetr | ic flow shall be included | d as a reportable pa | arameter |                       |     |           |                  |                  |                   |

|   |                       | Continuous Mo             | nitoring          |                   |   |             |                 |                |                  |                |          |
|---|-----------------------|---------------------------|-------------------|-------------------|---|-------------|-----------------|----------------|------------------|----------------|----------|
| _ |                       |                           |                   |                   |   |             |                 |                |                  |                |          |
| 4 | Does vour site ca     | arry out continuous air e | missions monito   | ring?             |   | No          |                 |                |                  |                |          |
|   | ,<br>If you place not | ,                         | nitaring data and |                   | wined fields below in Table 2           |             |                 |                |                  |                |          |
|   | li yes please revi    | and compare it to         | its rolovant Emis | report the rec    | Quired fields below in Table 3          |             |                 |                |                  |                |          |
|   | Did continuous m      | and compare it to         | nerience downt    | ime? If ves nle   | e (ELV)<br>ase record downtime in table |             |                 |                |                  |                |          |
| 5 | 3 helow               | ionitoring equipment ex   | sperience down    | inte: it yes pies |   | SELECT      |                 |                |                  |                |          |
|   |                       |                           |                   |                   |   | 01120.      |                 |                |                  |                |          |
| 6 |                       |                           |                   |                   |   |             |                 |                |                  |                |          |
|   | Do you have a pro     | pactive service agreeme   | nt for each piece | of continuous     | monitoring equipment?                   | SELECT      |                 |                |                  |                |          |
| 7 | Did your site exp     | perience any abatement    | system bypasses   | s? If yes please  | detail them in table 4 below            | SELECT      |                 |                |                  |                |          |
|   | Table A2: Sur         | nmary of average e        | emissions -co     | ntinuous mo       | onitoring                               |             |                 |                |                  |                |          |
|   |                       |                           |                   |                   |   |             |                 |                |                  |                |          |
|   | Emission              | Parameter/ Substance      |                   | Averaging         | Compliance Criteria                     | Units of    | Annual Emission | Annual maximum | Monitoring       | Number of ELV  | Comments |
|   | reference no:         |                           |                   | Period            |   | measurement |                 |                | Equipment        | exceedences    |          |
|   |                       |                           | ELV in licence    |                   |   |             |                 |                | downtime (hours) | in current     |          |
|   |                       |                           | or any revision   |                   |   |             |                 |                |                  | reporting year |          |
|   |                       |                           | therof            |                   |   |             |                 |                |                  |                |          |
|   |                       | SELECT                    |                   |                   | SELECT                                  | SELECT      |                 |                |                  |                |          |
|   |                       | SELECT                    |                   |                   |   | SELECT      |                 |                |                  |                |          |
|   |                       | SELECT                    |                   |                   |   | SELECT      |                 |                |                  |                |          |
|   |                       | SELECT                    |                   |                   |   | SELECT      |                 |                |                  |                |          |
|   |                       | SELECT                    |                   |                   |   | SELECT      |                 |                |                  |                |          |
|   | note 1: Volumetr      | ic flow shall be included | as a reportable   | parameter.        |   |             |                 |                |                  |                |          |
|   |                       |                           |                   |                   | Dumono muoto col                        |             |                 |                |                  |                |          |
|   | Table A3: Aba         | atement system by         | pass reportin     | ng table          | Bypass protocol                         |             |                 |                |                  |                |          |
|   | Date*                 | Duration** (hours)        | Location          | R                 | eason for bypass                        |             | Impact magnitud | de             | Corrective       | action         |          |
|   |                       |                           |                   |                   |   |             |                 |                |                  |                |          |
|   |                       |                           |                   |                   |   |             |                 |                |                  |                |          |
|   |                       |                           |                   |                   |   |             |                 |                |                  |                |          |
|   |                       |                           |                   |                   |   |             |                 |                | 1                |                |          |
|   |                       |                           |                   |                   |   |             |                 |                |                  |                |          |
|   |                       |                           |                   |                   |   |             |                 |                |                  |                |          |
|   | * t                   | his should include all da | tes that an abate | ment system b     | ypass occurred                          |             |                 |                |                  |                |          |
|   |                       |                           |                   |                   |   |             |                 |                |                  |                |          |
|   | ** an accurate re     | cord of time hypass her   | vinning and end s | hould be logge    | ed on site and maintained for           |             |                 |                |                  |                |          |
|   |                       | future Agency inspec      | tions please refe | r to bypass pro   | otocol link                             |             |                 |                |                  |                |          |

|   | Solvent u                     | se and managemer                       | nt on site                                   |  |  |                                  |                                   |                                      |  |  |
|---|-------------------------------|--|--|--|--|----------------------------------|-----------------------------------|--------------------------------------|--|--|
| 8 | Do you have a tot             | al Emission Limit Value:               | of direct and fug                            | itive emissions                          | on site? if yes please fill out  | tables A4 and A5                 |                                   | No                                   |  |  |
|   | Table A4: Solv<br>Summary Tot | vent Management<br>al VOC Emission lin | Plan<br>nit value                            | <u>Solvent</u><br>regulations            | Please refer to linked solve<br>complete table 5                         | nt regulations to<br>and 6       |                                   |                                      |  |  |
|   | Reporting year                | Total solvent input on<br>site (kg)    | Total VOC<br>emissions to<br>Air from entire | Total VOC<br>emissions as<br>%of solvent | Total Emission Limit Value<br>(ELV) in licence or any<br>revision therof | Compliance                       |                                   |                                      |  |  |
|   | ļ                             |  |  |  |  | SELECT                           |                                   |                                      |  |  |
|   |                               |  |  |  |  | SELECT                           |                                   |                                      |  |  |
|   | Table A5: Sc                  | olvent Mass Balanc                     | e summary                                    |  |  |                                  |                                   |                                      |  |  |
|   |                               | (I) Inputs (kg)                        |  |  |  | (O) Outputs (kg)                 |                                   |                                      |  |  |
|   | Solvent                       | (I) Inputs (kg)                        | Organic solvent<br>emission in               | Solvents lost<br>in water (kg)           | Collected waste solvent (kg)   | Fugitive Organic<br>Solvent (kg) | Solvent released<br>in other ways | Solvents destroyed<br>onsite through | Total emission of<br>Solvent to air (kg) |  |
|   |                               |  |  |  |  |                                  |                                   |                                      |  |  |
|   |                               |  |  |  |  |                                  |                                   |                                      |  |  |
|   |                               |  |  |  |  |                                  |                                   |                                      |  |  |
|   |                               | · · · · · · · · · · · · · · · · · · ·  |  |  |  |                                  |                                   | Total                                |  |  |

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#### 3.3. Water & Wastewater

| 1 | Does your site<br>complete table<br>If you do no      | have licensed emissions direct<br>e W2 and W3 below for the cu<br>ot have licenced emissions yo<br>surface water analys  | ct to surface water<br>urrent reporting yea<br>ou <u>only</u> need to con<br>sis and visual insp | or direct to sewer<br>ar and answer fur<br>nplete table W1 a<br>pections | r? If yes please<br>ther questions.<br>nd or W2 for | Yes   |                                   |                        |                        |                        |          |          |  |  |  |
|---|---|--|--|--|---|---|-----------------------------------|------------------------|------------------------|------------------------|----------|----------|--|--|--|
| 2 | Was it a reo<br>discharges<br>summa                   | quirement of your licence to ca<br>or watercourses on or near your<br>rising only any evidence of courtions of the second seco | arry out visual insp<br>our site? If yes plea<br>ntamination noted                               | ections on any su<br>se complete table<br>during visual insp             | rface water<br>e W2 below<br>bections               | Yes   |                                   |                        |                        |                        |          |          |  |  |  |
|   | Tabl  | le W1 Surface water mon  | itoring  |  |   |   |                                   |                        |                        |                        |          |          |  |  |  |
|   | Location<br>reference                                 | Location relative to site<br>activities  | PRTR Parameter   | Licenced<br>Parameter  | Monitoring<br>date                                  | ELV or trigger<br>level in licence<br>or any revision<br>thereof* | Licence<br>Compliance<br>criteria | Measured value         | Unit of<br>measurement | Compliant with licence | Comments |          |  |  |  |
|   |   | SELECT   | SELECT   | SELECT   |   |   | SELECT                            |                        | SELECT                 | SELECT                 |          | <u> </u> |  |  |  |
|   |   | SELECT   | SELECT   | SELECT   |   |   | SELECT                            |                        | SELECT                 | SELECT                 |          |          |  |  |  |
|   | *trigger values r                                     | may be agreed by the Agency ou   | utside of licence cor  | ditions  |   |   |                                   |                        |                        |                        |          |          |  |  |  |
|   | Tabl  | e W2 Visual inspections-   | Please only ent  | er details whe   | re contamina  | ation was obs   | erved.                            |                        |                        |                        |          |          |  |  |  |
|   | Location<br>Reference                                 | Date of inspection   |  | Description of co  | ontamination  |   | Source of contamination           | Corrective action      |                        | Comm                   | ients    |          |  |  |  |
|   |   |  |  |  |   |   | SELECT                            |                        |                        |                        |          | ]        |  |  |  |
|   |   |  |  | ·  | ;   |   | SELECT                            |                        |                        |                        |          |          |  |  |  |
|   |   |  |  |  |   |   |                                   |                        |                        |                        |          |          |  |  |  |
|   | Licensed Em   | issions to water and /or   | /or wastewater(sewer)-periodic monitoring  |  |   | r wastewater(sewer)-periodic monitoring (                         |                                   |                        | (non-continuo          | us)                    |          |          |  |  |  |
| 3 | Was there any   | y result in breach of licence requ<br>comment secti  | uirements? If yes pl<br>on of Table W3 belo  | ease provide brief<br>w  | details in the                                      | No  |                                   | Additional information |                        |                        |          |          |  |  |  |
| 4 | Was all monito<br>and checklists fo<br>the EPA? If no | oring carried out in accordance v<br>or Quality of Aqueous Monitorir<br>please detail what areas requir<br>additional information box  | with EPA guidance<br>ng Data Reported to<br>e improvement in                                     | External<br>/Internal Lab<br>Quality checklist                           | Assessment of results checklist                     | Yes   |                                   |                        |                        |                        |          |          |  |  |  |

| Table W3: L               | censed Emissions to wat                            | er and /or wast                               | ewater (sewe                         | r)-periodic m           | onitoring (no                           | n-continuous)  |  |                        |  |  |   |   |          |
|---------------------------|--|---|--------------------------------------|-------------------------|---|--|--|------------------------|--|--|---|---|----------|
| Emission<br>reference no: | Emission released to<br>SELECT<br>Wastewater/Sewer | Parameter/<br>SubstanceNote 1<br>SELECT<br>pH | Type of sample<br>SELECT<br>discrete | Frequency of monitoring | Averaging period<br>SELECT<br>Quarterly | ELV or trigger<br>values in licence<br>or any revision<br>therof <sup>Note 2</sup><br>6-10 | Licence Compliance criteria<br>SELECT<br>No pH value shall deviate from the specified range. | Measured value<br>7.62 | Unit of<br>measurement<br>SELECT<br>pH units | Compliant with<br>licence<br>SELECT<br>yes | Method of analysis<br>SELECT<br>pH Meter (Electrode)  | Procedural reference<br>source<br>SELECT<br>Manufacturer method   | Comments |
| FW9                       | Wastewater/Sewer                                   | COD   | discrete                             | quarterly (q1)          | Quarterly                               | 3000   | All results < 1.2 times ELV, plus 8 from ten results must be < ELV                           | 206                    | mg/L   | yes  | Digestion + Spectrophotometry   | EN ISO  |          |
| FW9                       | Wastewater/Sewer                                   | BOD   | discrete                             | quarterly (q1)          | Quarterly                               | 1000   | All results < 1.2 times ELV, plus 8 from ten results must be < ELV                           | 58.6                   | mg/L   | yes  | Dissolved Oxygen Meter (Electrode)  | APHA / AWWA "Standard<br>Methods"   |          |
| FW9                       | Wastewater/Sewer                                   | Suspended Solids                              | discrete                             | quarterly (q1)          | Quarterly                               | 1000   | All results < 1.2 times ELV, plus 8 from ten results must be < ELV                           | 41.5                   | mg/L   | yes  | Gravimetric analysis  | APHA / AWWA "Standard<br>Methods"   |          |
| FW9                       | Wastewater/Sewer                                   | Mineral oils                                  | discrete                             | quarterly (q1)          | Quarterly                               | 10   | All results < 1.2 times ELV, plus 8 from ten results must be < ELV                           | 1.06                   | mg/L   | yes  | EPH in Waters<br>Waters   | Analysis of Petroleum<br>Hydrocarbons in<br>Environmental Media –<br>Total Petroleum  |          |
| FW9                       | Wastewater/Sewer                                   | phosphates                                    | discrete                             | quarterly (q1)          | Quarterly                               | 100  | 0 All results < 1.2 times ELV, plus 8 from ten results must be < ELV                         |                        | mg/L   | yes  | Digestion + Spectrophotometry   | Environmental Media –<br>Total Petroleum  |          |
| FW9                       | Wastewater/Sewer                                   | Detergents (as<br>MBAS)                       | discrete                             | quarterly (q1)          | Quarterly                               | 100  | 00 All results < 1.2 times ELV, plus 8 from ten results must be < ELV                        |                        | mg/L   | yes  | The Determination of Methylene Blue Active<br>Substances in<br>Waters                         | Hydrocarbon Criteria  |          |
| FW9                       | Wastewater/Sewer                                   | Fats, Oils and<br>Greases                     | discrete                             | quarterly (q1)          | Quarterly                               | 100  | All results < 1.2 times ELV, plus 8 from ten results must be < ELV                           | 8.58                   | mg/L   | yes  | Determination of Total Petroleum Hydrocarbons<br>(TPH) in<br>Waters By Infra-Red Spectroscopy | The Determination of<br>Hydrocarbon Oils in<br>Waters by Solvent<br>Extraction, Infra red<br>Absorption and Gravimetry<br>1983, HMSO,<br>London |          |
| FW9                       | Wastewater/Sewer                                   | рН  | discrete                             | quaterly (q2)           | Quarterly                               | 6-10   | No pH value shall deviate from the specified range.  | 7.76                   | pH units                                     | yes  | pH Meter (Electrode)  | Manufacturer method   |          |
| FW9                       | Wastewater/Sewer                                   | COD   | discrete                             | quarterly (q2)          | Quarterly                               | 3000   | All results < 1.2 times ELV, plus 8 from ten results must be < ELV                           | 17.2                   | mg/L   | yes  | Digestion + Spectrophotometry   | EN ISO  |          |
| FW9                       | Wastewater/Sewer                                   | BOD   | discrete                             | quaterly (q2)           | Quarterly                               | 1000   | All results < 1.2 times ELV, plus 8 from ten results must be < ELV                           | 2.7                    | mg/L   | yes  | Dissolved Oxygen Meter (Electrode)  | APHA / AWWA "Standard<br>Methods"   |          |
| FW9                       | Wastewater/Sewer                                   | Suspended Solids                              | discrete                             | quarterly (q2)          | Quarterly                               | 1000   | All results < 1.2 times ELV, plus 8 from ten results must be < ELV                           | 10.5                   | mg/L   | yes  | Gravimetric analysis  | APHA / AWWA "Standard<br>Methods"   |          |
| FW9                       | Wastewater/Sewer                                   | Mineral oils                                  | discrete                             | quaterly (q2)           | Quarterly                               | 10   | All results < 1.2 times ELV, plus 8 from ten results must be < ELV                           | <1                     | mg/L   | yes  | EPH in Waters<br>Waters   | Analysis of Petroleum<br>Hydrocarbons in<br>Environmental Media –<br>Total Petroleum  |          |
| FW9                       | Wastewater/Sewer                                   | phosphates                                    | discrete                             | quarterly (q2)          | Quarterly                               | 100  | All results < 1.2 times ELV, plus 8 from ten results must be < ELV                           | <0.25                  | mg/L   | yes  | Digestion + Spectrophotometry   | Environmental Media –<br>Total Petroleum  |          |
| FW9                       | Wastewater/Sewer                                   | Detergents (as<br>MBAS)                       | discrete                             | quaterly (q2)           | Quarterly                               | 100  | All results < 1.2 times ELV, plus 8 from ten results must be < ELV                           | 0.0579                 | mg/L   | yes  | The Determination of Methylene Blue Active<br>Substances in<br>Waters                         | Hydrocarbon Criteria  |          |
| FW9                       | Wastewater/Sewer                                   | Fats, Oils and<br>Greases                     | discrete                             | quarterly (q2)          | Quarterly                               | 100  | All results < 1.2 times ELV, plus 8 from ten results must be < ELV                           | <1                     | mg/L   | yes  | Determination of Total Petroleum Hydrocarbons<br>(TPH) in<br>Waters By Infra-Red Spectroscopy | The Determination of<br>Hydrocarbon Oils in<br>Waters by Solvent<br>Extraction, Infra red<br>Absorption and Gravimetry<br>1983, HMSO,<br>London |          |
| FW9                       | Wastewater/Sewer                                   | рН  | discrete                             | quaterly (q3)           | Quarterly                               | 6-10   | No pH value shall deviate from the specified range.  | 7.7                    | pH units                                     | yes  | pH Meter (Electrode)  | Manufacturer method   |          |

| FW9 | Wastewater/Sewer | COD                       | discrete | quarterly (q3) | Quarterly | 3000 | All results < 1.2 times ELV, plus 8 from ten results must be < ELV | <7     | mg/L     | yes | Digestion + Spectrophotometry   | EN ISO  |  |
|-----|------------------|---------------------------|----------|----------------|-----------|------|--|--------|----------|-----|---|---|--|
| FW9 | Wastewater/Sewer | BOD                       | discrete | quaterly (q3)  | Quarterly | 1000 | All results < 1.2 times ELV, plus 8 from ten results must be < ELV | <2     | mg/L     | yes | Dissolved Oxygen Meter (Electrode)  | APHA / AWWA "Standard<br>Methods"   |  |
| FW9 | Wastewater/Sewer | Suspended Solids          | discrete | quarterly (q3) | Quarterly | 1000 | All results < 1.2 times ELV, plus 8 from ten results must be < ELV | 5.5    | mg/L     | yes | Gravimetric analysis  | APHA / AWWA "Standard<br>Methods"   |  |
| FW9 | Wastewater/Sewer | Mineral oils              | discrete | quaterly (q3)  | Quarterly | 10   | All results < 1.2 times ELV, plus 8 from ten results must be < ELV | 1.15   | mg/L     | yes | EPH in Waters<br>Waters   | Analysis of Petroleum<br>Hydrocarbons in<br>Environmental Media –<br>Total Petroleum<br>Hydrocarbon Criteria                                    |  |
| FW9 | Wastewater/Sewer | phosphates                | discrete | quarterly (q3) | Quarterly | 100  | All results < 1.2 times ELV, plus 8 from ten results must be < ELV | <0.05  | mg/L     | yes | Digestion + Spectrophotometry   | Environmental Media –<br>Total Petroleum  |  |
| FW9 | Wastewater/Sewer | Detergents (as<br>MBAS)   | discrete | quaterly (q3)  | Quarterly | 100  | All results < 1.2 times ELV, plus 8 from ten results must be < ELV | 0.0611 | mg/L     | yes | The Determination of Methylene Blue Active<br>Substances in<br>Waters                         | Hydrocarbon Criteria  |  |
| FW9 | Wastewater/Sewer | Fats, Oils and<br>Greases | discrete | quarterly (q3) | Quarterly | 100  | All results < 1.2 times ELV, plus 8 from ten results must be < ELV | 1.21   | mg/L     | yes | Determination of Total Petroleum Hydrocarbons<br>(TPH) in<br>Waters By Infra-Red Spectroscopy | The Determination of<br>Hydrocarbon Oils in<br>Waters by Solvent<br>Extraction, Infra red<br>Absorption and<br>Gravimetry 1983, HMSO,<br>London |  |
| FW9 | Wastewater/Sewer | рН                        | discrete | quaterly (q4)  | Quarterly | 6-10 | No pH value shall deviate from the specified range.                | 7.8    | pH units | yes | pH Meter (Electrode)  | Manufacturer method   |  |
| FW9 | Wastewater/Sewer | COD                       | discrete | quarterly (q4) | Quarterly | 3000 | All results < 1.2 times ELV, plus 8 from ten results must be < ELV | 62     | mg/L     | yes | Digestion + Spectrophotometry   | EN ISO  |  |
| FW9 | Wastewater/Sewer | BOD                       | discrete | quaterly (q4)  | Quarterly | 1000 | All results < 1.2 times ELV, plus 8 from ten results must be < ELV | 10     | mg/L     | yes | Dissolved Oxygen Meter (Electrode)  | APHA / AWWA "Standard<br>Methods"   |  |
| FW9 | Wastewater/Sewer | Suspended Solids          | discrete | quarterly (q4) | Quarterly | 1000 | All results < 1.2 times ELV, plus 8 from ten results must be < ELV | 15     | mg/L     | yes | Gravimetric analysis  | APHA / AWWA "Standard<br>Methods"   |  |
| FW9 | Wastewater/Sewer | Mineral oils              | discrete | quaterly (q4)  | Quarterly | 10   | All results < 1.2 times ELV, plus 8 from ten results must be < ELV | 0.0193 | mg/L     | yes | EPH in Waters<br>Waters   | Analysis of Petroleum<br>Hydrocarbons in<br>Environmental Media –<br>Total Petroleum<br>Hydrocarbon Criteria                                    |  |
| FW9 | Wastewater/Sewer | phosphates                | discrete | quarterly (q4) | Quarterly | 100  | All results < 1.2 times ELV, plus 8 from ten results must be < ELV | 0.279  | mg/L     | yes | Digestion + Spectrophotometry   | Environmental Media –<br>Total Petroleum  |  |
| FW9 | Wastewater/Sewer | Detergents (as<br>MBAS)   | discrete | quaterly (q4)  | Quarterly | 100  | All results < 1.2 times ELV, plus 8 from ten results must be < ELV | 0.159  | mg/L     | yes | The Determination of Methylene Blue Active<br>Substances in<br>Waters                         | Hydrocarbon Criteria  |  |
| FW9 | Wastewater/Sewer | Fats, Oils and<br>Greases | discrete | quarterly (q4) | Quarterly | 100  | All results < 1.2 times ELV, plus 8 from ten results must be < ELV | <1     | mg/L     | yes | Determination of Total Petroleum Hydrocarbons<br>(TPH) in<br>Waters By Infra-Red Spectroscopy | The Determination of<br>Hydrocarbon Oils in<br>Waters by Solvent<br>Extraction, Infra red<br>Absorption and<br>Gravimetry 1983, HMSO,<br>London |  |

| SW1            | Water                            | pН                       | discrete         | quaterly (q2)      | Quarterly         | 6-10                 | No pH value shall deviate from the specified range.                | 7.44    | pH units    | yes | pH Meter (Electrode)   | Manufacturer method               |   |
|----------------|----------------------------------|--------------------------|------------------|--------------------|-------------------|----------------------|--|---------|-------------|-----|--|-----------------------------------|---|
| SW1            | Water                            | Conductivity             | discrete         | quarterly (q2)     | Quarterly         | not specified        | All results < 1.2 times ELV, plus 8 from ten results must be < ELV | 0.0599  | mS/cm @20oC | yes | Conductivity Meter (Electrode)   | APHA / AWWA "Standard<br>Methods" |   |
| SW1            | Water                            | COD                      | discrete         | quaterly (q2)      | Quarterly         | 3000                 | All results < 1.2 times ELV, plus 8 from ten results must be < ELV | 29      | mg/L        | yes | Determination of Chemical Oxygen Demand<br>using COD Dr Lange Kit        | ISO                               |   |
| SW1            | Water                            | SS                       | discrete         | quarterly (q2)     | Quarterly         | 1000                 | All results < 1.2 times ELV, plus 8 from ten results must be < ELV | 18.5    | mg/L        | yes | Determination of total suspended solids in<br>waters                     | APHA / AWWA "Standard<br>Methods" |   |
| SW1            | Water                            | Mineral Oils             | discrete         | quaterly (q2)      | Quarterly         | 10                   | All results < 1.2 times ELV, plus 8 from ten results must be < ELV | <1      | mg/L        | yes | EPH in Waters  | Other (please specify)            |   |
| SW1            | Water                            | Total Ammonia as<br>NH3* | discrete         | quarterly (q2)     | Quarterly         | not specified        | All results < 1.2 times ELV, plus 8 from ten results must be < ELV | 0.658   | mg/L        | yes | Determination of Ammonium in Water Samples<br>using the Kone<br>Analyser | B.S. (British Standard)           |   |
| SW1            | Water                            | pН                       | discrete         | quaterly (q3)      | Quarterly         | 6-10                 | No pH value shall deviate from the specified range.                | 7.88    | pH units    | yes | pH Meter (Electrode)   | Manufacturer method               |   |
| SW1            | Water                            | Conductivity             | discrete         | quarterly (q3)     | Quarterly         | not specified        | All results < 1.2 times ELV, plus 8 from ten results must be < ELV | 0.257   | mS/cm @20oC | yes | Conductivity Meter (Electrode)   | APHA / AWWA "Standard<br>Methods" |   |
| SW1            | Water                            | COD                      | discrete         | quaterly (q3)      | Quarterly         | 3000                 | All results < 1.2 times ELV, plus 8 from ten results must be < ELV | <7      | mg/L        | yes | Determination of Chemical Oxygen Demand<br>using COD Dr Lange Kit        | ISO                               |   |
| SW1            | Water                            | SS                       | discrete         | quarterly (q3)     | Quarterly         | 1000                 | All results < 1.2 times ELV, plus 8 from ten results must be < ELV | 8.95    | mg/L        | yes | Determination of total suspended solids in waters                        | APHA / AWWA "Standard<br>Methods" |   |
| SW1            | Water                            | Mineral Oils             | discrete         | quaterly (q3)      | Quarterly         | 10                   | All results < 1.2 times ELV, plus 8 from ten results must be < ELV | <10     | mg/L        | yes | EPH in Waters  | Other (please specify)            |   |
| SW1            | Water                            | Total Ammonia as<br>NH3* | discrete         | quarterly (q3)     | Quarterly         | not specified        | All results < 1.2 times ELV, plus 8 from ten results must be < ELV | <0.2    | mg/L        | yes | Determination of Ammonium in Water Samples<br>using the Kone<br>Analyser | B.S. (British Standard)           |   |
| SW1            | Water                            | pH                       | discrete         | quaterly (q4)      | Quarterly         | 6-10                 | No pH value shall deviate from the specified range.                | 7       | pH units    | yes | pH Meter (Electrode)   | Other (please specify)            |   |
| SW1            | Water                            | Conductivity             | discrete         | quarterly (q4)     | Quarterly         | not specified        | All results < 1.2 times ELV, plus 8 from ten results must be < ELV | 0.0202  | mS/cm @20oC | yes | Conductivity Meter (Electrode)   | APHA / AWWA "Standard<br>Methods" |   |
| SW1            | Water                            | COD                      | discrete         | quaterly (q4)      | Quarterly         | 3000                 | All results < 1.2 times ELV, plus 8 from ten results must be < ELV | 29      | mg/L        | yes | Spectrophotometry (Colorimetry)  | APHA / AWWA "Standard<br>Methods" |   |
| SW1            | Water                            | SS                       | discrete         | quarterly (q4)     | Quarterly         | 1000                 | All results < 1.2 times ELV, plus 8 from ten results must be < ELV | 79      | mg/L        | yes | Gravimetric analysis   | APHA / AWWA "Standard<br>Methods" |   |
| SW1            | Water                            | Mineral Oils             | discrete         | quaterly (q4)      | Quarterly         | 10                   | All results < 1.2 times ELV, plus 8 from ten results must be < ELV | 0.04629 | mg/L        | yes | Flame Ionisation Dtection  | US EPA                            |   |
| SW1            | Water                            | Total Ammonia as<br>NH3* | discrete         | quarterly (q4)     | Quarterly         | not specified        | All results < 1.2 times ELV, plus 8 from ten results must be < ELV | 0.481   | mg/L        | yes | Spectrophotometry (Colorimetry)  | APHA / AWWA "Standard<br>Methods" |   |
| Note 1: Volume | tric flow shall be included as a | reportable paramete      | r                | Ĩ                  |                   |                      |  |         |             |     |  |                                   | 1 |
| Note 2: Where  | Emission Limit Values (ELV) do   | not apply to your lice   | nce please compa | are results agains | t EQS for Surface | water or relevant re | eceptor quality standards  |         |             |     |  |                                   |   |

| Continuous                          | monitoring  |                         |   |                     |                        |  | Additional Information                          |   |  |   |
|-------------------------------------|---|-------------------------|---|---------------------|------------------------|--|---|---|--|---|
| Does your site                      | carry out continuous emissions  | to water/sewer mor      | nitoring?   |                     | No                     |  |   |   |  |   |
| If yes please su<br>relevant Emissi | ummarise your continuous moni<br>on Limit Value (ELV)                           | toring data below i     | n Table W4 and co   | mpare it to its     |                        |  |   |   |  |   |
| Did continuous<br>table W4 belov    | monitoring equipment experie<br>v   | nce downtime? If ye     | es please record do   | owntime in          | SELECT                 |  |   |   |  |   |
| Do you have a p                     | proactive service contract for eac  | ch piece of continuo    | us monitoring equ   | ipment on site?     | SELECT                 |  |   |   |  |   |
| Did abatement<br><b>below</b>       | system bypass occur during the  | reporting year? If y    | es please complete  | e table W5          | SELECT                 |  |   |   |  |   |
| Table W4: S                         | ummary of average emis  | sions -continuo         | us monitoring   |                     |                        |  |   |   |  |   |
|                                     |   |                         |   |                     |                        |  |   |   |  |   |
| Emission<br>reference no:           | Emission released to  | Parameter/<br>Substance | ELV or trigger<br>values in licence<br>or any revision<br>thereof | Averaging<br>Period | Compliance<br>Criteria | Units of<br>measurement                  | Annual Emission for current reporting year (kg) | % change +/-<br>from previous<br>reporting year | Monitoring<br>Equipment<br>downtime<br>(hours) | Number of ELV<br>exceedences in<br>reporting year |
|                                     | SELECT  | SELECT                  |   | SELECT              | SELECT                 | SELECT                                   |   |   |  |   |
|                                     | SELECT  | SELECT                  |   | SELECT              | SELECT                 | SELECT                                   |   |   |  |   |
|                                     |   |                         |   |                     |                        |  |   |   |  |   |
| note 1: Volume                      | tric flow shall be included as a r  | eportable paramete      | er.   |                     |                        |  |   |   |  |   |
|                                     |   |                         |   |                     |                        |  |   |   |  |   |
| Table W5: A                         | batement system bypass  | reporting table         | e   |                     |                        |  |   |   |  |   |
| Date                                | Duration (hours)         Location         Resultant<br>emissions         Reason |                         |   |                     | Corrective<br>action*  | Was a report<br>submitted to the<br>EPA? | When was this report submitted?                 |   |  |   |
|                                     |   |                         |   |                     |                        | SELECT                                   |   |   |  |   |
|                                     |   |                         |   |                     |                        |  |   |   |  |   |
|                                     |   |                         |   |                     |                        |  |   |   |  |   |
| *Measures take                      | en or proposed to reduce or limi  | t bypass frequency      |   |                     |                        |  |   |   |  |   |

AER 2012

#### 3.4. Bund testing

| Bund/Pipeline testing template  | Lic No:           | W0227-01               |                     | Year        | 2012              | 2               |                        |                         |                 |              |
|---|-------------------|------------------------|---------------------|-------------|-------------------|-----------------|------------------------|-------------------------|-----------------|--------------|
|   |                   |                        |                     |             |                   |                 |                        |                         |                 |              |
| Bund testing dropdown menu click to see options   |                   | A                      | Additional informat | ion         |                   |                 |                        |                         |                 |              |
| Are you required by your licence to undertake integrity testing on bunds and containment st     | ructures ? if yes |                        |                     |             |                   |                 |                        |                         |                 |              |
| please fill out table B1 below listing all new bunds and containment structures on site, in ad  | lition to all     |                        |                     |             |                   |                 |                        |                         |                 |              |
| 1 bunds which failed the integrity test-all bunding structures which failed including mobile bu | nds must be       | Yes                    |                     |             |                   |                 |                        |                         |                 |              |
| 2 Please provide integrity testing frequency period   |                   | 3 years                |                     | _           |                   |                 |                        |                         |                 |              |
| Does the site maintain a register of bunds, underground pipelines (including stormwater an      | ۱ foul), Tanks,   |                        |                     |             |                   |                 |                        |                         |                 |              |
| 3 sumps and containers? (containers refers to "Chemstore" type units and mobile bunds)          |                   | Yes                    |                     |             |                   |                 |                        |                         |                 |              |
| 4 How many bunds are on site?   |                   | 10                     |                     |             |                   |                 |                        |                         |                 |              |
| 5 How many of these bunds have been tested witin the required test schedule?                    |                   | 10                     |                     |             |                   |                 |                        |                         |                 |              |
| 6 How many mobile bunds are on site?  |                   | 0                      |                     |             |                   |                 |                        |                         |                 |              |
| 7 Are the mobile bunds included in the bund test schedule?                                      |                   | na                     |                     |             |                   |                 |                        |                         |                 |              |
| 8 How many of these mobile bunds have been tested witin the required test schedule?             |                   | na                     |                     |             |                   |                 |                        |                         |                 |              |
| 9 How many sumps on site are included in the integrity test schedule?                           |                   | 1                      |                     |             |                   |                 |                        |                         |                 |              |
| 10 How many of these sumps are integrity tested within the test schedule?                       |                   | 1                      |                     |             |                   |                 |                        |                         |                 |              |
| Please list any sump integrity failures in table B1   |                   |                        | Ì                   |             |                   |                 |                        |                         |                 |              |
| 11 Do all sumps and chambers have high level liquid alarms?                                     |                   | Yes                    |                     |             |                   |                 |                        |                         |                 |              |
| 12 If yes to Q11 are these failsafe systems included in a maintenance and testing               |                   | Yes                    |                     |             |                   |                 |                        |                         |                 |              |
|   |                   |                        | Ì                   |             |                   |                 |                        |                         |                 |              |
| Table B1: Summary details of bund /containment structure integrity test                         |                   |                        |                     |             |                   |                 |                        |                         |                 |              |
|   |                   |                        |                     |             |                   |                 |                        |                         |                 |              |
|   |                   |                        |                     |             |                   |                 |                        |                         |                 |              |
|   |                   |                        |                     |             |                   |                 |                        |                         |                 | Results of   |
|   |                   |                        |                     |             |                   |                 |                        |                         |                 | retest(if in |
|   |                   |                        |                     |             | Integrity reports |                 |                        |                         |                 | current      |
| Bund/Containment  |                   |                        |                     |             | maintained on     |                 | Integrity test failure |                         | Scheduled       | reporting    |
| structure ID Type Specify Other type Product containment Actual capaci                          | y Capacity req    | Type of integrity test | Other test type     | Test date   | site?             | Results of test | explanation <50 words  | Corrective action taken | date for retest | year)        |
| No Failures SELECT No Failures No Failures No Failures  | No Failures       | SELECT                 | No Failures         | No Failures | Yes               | SELECT          | No Failures            | SELECT                  | No Failures     | No Failures  |
| SELECT  |                   | SELECT                 |                     |             | SELECT            | SELECT          |                        | SELECT                  |                 |              |
| * Capacity required should comply with 25% or 110% containment rule as detailed in your licence |                   |                        | Commentary          |             |                   |                 |                        |                         |                 |              |

|    | * Capacity required should comply with 25% or 110% containment rule as detailed in your licence |                     |                     |     | Commentary |
|----|---|---------------------|---------------------|-----|------------|
|    | Has integrity testing been carried out in accordance with licence requirements and are all      |                     |                     |     |            |
| 14 | structures tested in line with BS8007/EPA Guidance?   | bunding and storage | <u>e guidelines</u> | Yes |            |
| 15 | Are channels/transfer systems to remote containment systems tested?                             |                     |                     | Yes |            |
| 16 | Are channels/transfer systems compliant in both integrity and available volume?                 |                     |                     | Yes |            |

|   | Pipeline/underground structure            | testing       |                       |                            |                     |                 |                     |                 |                 |              |                |                         |
|---|---|---------------|-----------------------|----------------------------|---------------------|-----------------|---------------------|-----------------|-----------------|--------------|----------------|-------------------------|
|   | Are you required by your licence to un    | ndertake inte | egrity testing on und | erground structures e.g.   | pipelines or sum    | ps etc ? if yes |                     |                 |                 |              |                |                         |
| 1 | please fill out table 2 below listing all | undergroun    | d structures and pipe | elines on site which faile | ed the integrity te | st              | Yes                 |                 |                 |              |                |                         |
| 2 | Please provide integrity testing frequ    | ency period   |                       |                            |                     |                 | 3 years             |                 | ]               |              |                |                         |
|   |   |               |                       |                            |                     |                 |                     |                 |                 |              |                |                         |
|   |   |               |                       |                            |                     |                 |                     |                 |                 |              |                |                         |
|   | Table B2: Summary details of              | pipeline/un   | derground structure   | s integrity test           |                     | -               |                     |                 |                 |              |                |                         |
|   |   |               |                       |                            |                     |                 |                     |                 |                 |              |                |                         |
|   |   |               |                       |                            |                     |                 |                     |                 |                 |              |                |                         |
|   |   |               |                       |                            | Type of             |                 |                     |                 | 1               |              |                |                         |
|   |   |               |                       |                            | secondary           | _               |                     |                 | Integrity test  |              |                |                         |
|   |   |               |                       | Does this structure        | containment         | Туре            |                     |                 | failure         |              |                |                         |
|   |   | Туре          | Material of           | have Secondary             |                     | integrity       | Integrity reports   |                 | explanation <50 | Corrective   | Scheduled date | Results of retest(if in |
|   | Structure ID                              | system        | construction:         | containment?               |                     | testing         | maintained on site? | Results of test | words           | action taken | for retest     | current reporting year) |
|   | No Failures                               | SELECT        | SELECT                | SELECT                     | SELECT              | SELECT          | SELECT              | SELECT          | No Failures     | No Failures  | No Failures    | SELECT                  |
|   |   |               |                       |                            |                     |                 |                     |                 |                 |              |                |                         |
|   |   |               |                       |                            |                     |                 |                     |                 |                 |              |                |                         |
|   |   |               |                       |                            |                     |                 |                     |                 |                 |              |                |                         |
|   |   |               |                       |                            |                     |                 |                     |                 |                 |              |                |                         |
|   |   |               |                       |                            |                     |                 |                     |                 |                 |              |                |                         |
|   |   |               |                       |                            |                     |                 |                     |                 |                 |              |                |                         |
|   |   |               |                       |                            |                     |                 |                     |                 |                 |              |                |                         |

### 3.5. GW/Soil

| Groundwater/Soil monitoring template                            | Lic No:                  | W0227-01           |                          | Year    | 2012     | <u>!</u>          |                    |
|---|--------------------------|--------------------|--------------------------|---------|----------|-------------------|--------------------|
|   |                          |                    |                          |         |          |                   |                    |
|   |                          |                    | Comments                 |         |          |                   |                    |
| Are you required to carry out groundwater monitoring as         | part of your licence     |                    |                          |         |          |                   |                    |
| requirements?   | . ,                      | no                 |                          |         |          |                   |                    |
| 2 Are you required to carry out soil monitoring as part of yo   | ur licence requirements  | no                 |                          |         |          |                   |                    |
| Do you extract groundwater for use on site? If yes please       | specify use in comment   |                    |                          |         |          |                   |                    |
| <sup>3</sup> section  |                          | no                 |                          |         |          |                   |                    |
| Is there contaminated land and /or groundwater on site?         | If yes please answer q's |                    |                          |         |          |                   |                    |
| <sup>4</sup> 5-12   |                          | no                 |                          | _       |          |                   |                    |
| 5 Is the contamination related to operations at the facility (  | either current and/or    |                    |                          |         |          |                   |                    |
| historic)   |                          | N/A                |                          |         |          |                   |                    |
| 6 Have actions been taken to address contamination issues       | ?If yes please           |                    |                          |         |          |                   |                    |
| summarise remediation strategies proposed/undertaken            | for the site             | N/A                |                          |         |          |                   |                    |
| 7 Please specify the proposed time frame for the remediati      | on strategy              | N/A                |                          |         |          |                   |                    |
| 8 Is there a licence condition to carry out/update ELRA for the | he site?                 | N/A                |                          |         |          |                   |                    |
| 9 Has any type of risk assesment been carried out for the sit   | te?                      | N/A                |                          |         |          |                   |                    |
| 10 Has a Conceptual Site Model been developed for the site      | ?                        | N/A                |                          |         |          |                   |                    |
| 11 Have potential receptors been identified on and off site?    |                          | N/A                |                          |         |          |                   |                    |
| 12 Is there evidence that contamination is migrating offsite?   |                          | N/A                |                          |         |          |                   |                    |
|   |                          |                    |                          |         |          |                   |                    |
|   |                          |                    |                          |         |          |                   |                    |
| Table 1: Upgradient Groundwater monitoring results              |                          |                    |                          |         |          |                   |                    |
|   |                          |                    |                          |         |          |                   | Upward trend in    |
|   |                          |                    |                          |         |          | % change in       | pollutant          |
| Sample  |                          |                    |                          |         |          | average           | concentration over |
| Date of location Parameter/                                     | Maximum                  | Average            |                          |         |          | concentration     | last 5 years of    |
| sampling reference Substance Methodology Monitoring frequ       | ency Concentration++     | Concentration+     | unit                     | GTV's*  | SELECT** | previous year +/- | monitoring data    |
|   |                          |                    | SELECT                   |         |          |                   | SELECT             |
|   |                          |                    | SELECT                   |         |          |                   | SELECT             |
| .+ where average indicates arithmetic mean                      |                          |                    |                          |         |          |                   |                    |
| .++ maximum concentration indicates the maximum measured conce  | entration from all monit | oring results proc | luced during the reporti | ng year |          |                   |                    |

| Table 2:   | Downgrad                        | lient Grour             | ndwater mo                            | nitoring results     |                          |                          |        |        |          |  |  |  |  |
|--|---------------------------------|-------------------------|---------------------------------------|----------------------|--------------------------|--------------------------|--------|--------|----------|--|--|--|--|
| Date of sampling   | Sample<br>location<br>reference | Parameter/<br>Substance | Methodology                           | Monitoring frequency | Maximum<br>Concentration | Average<br>Concentration | unit   | GTV's* | SELECT** | % change in<br>average<br>concentration<br>previous year +/- | Upward trend in<br>yearly average<br>pollutant<br>concentration over<br>last 5 years of<br>monitoring data |  |  |
|  |                                 |                         |                                       |                      |                          |                          | SELECT |        |          |  | SELECT   |  |  |
| * 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<br>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<br>a drinking water supply compare results to the Drinking Water Standards (DWS) |                                 |                         |                                       |                      |                          |                          |        |        |          |  |  |  |  |
| Table 3:   | Soil result                     | S                       | 0 · · · · · · · · · · · · · · · · · · |                      |                          |                          |        |        |          |  |  |  |  |
| Date of sampling   | Sample<br>location<br>reference | Parameter/<br>Substance | Methodology                           | Monitoring frequency | Maximum<br>Concentration | Average<br>Concentration | unit   |        |          |  |  |  |  |
|  |                                 |                         |                                       |                      |                          |                          | SELECT |        |          |  |  |  |  |
|  |                                 |                         |                                       |                      |                          |                          | SELECT |        |          |  |  |  |  |
|  |                                 |                         |                                       |                      |                          |                          |        |        |          |  |  |  |  |
|  |                                 |                         |                                       |                      |                          |                          |        |        |          |  |  |  |  |
|  |                                 |                         |                                       |                      |                          |                          |        |        |          |  |  |  |  |
|  |                                 |                         |                                       |                      |                          |                          |        |        |          |  |  |  |  |

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#### 3.6. ELRA

|    | Environmental Liabilities template   | Lic No:   | W0227-01   |
|----|--|---|------------|
|    | Click here to access EPA guidance on Environmental Liabilities and Financial |   |            |
|    | provision  |   |            |
|    |  |   |            |
|    |  |   | Commentary |
|    |  |   |            |
| 1  | FLRA initial agreement status  |   |            |
| -  |  |   |            |
|    |  | Submitted and agreed by EPA   |            |
|    |  |   |            |
|    |  |   |            |
| 2  | ELRA review status   | Review required and completed   |            |
|    | Amount of Financial Provision cover required as determined by the latest     |   |            |
| 3  | ELRA   | 40,625.00   |            |
|    |  |   |            |
| 4  | Financial Provision for ELRA status  | Required but not submitted  |            |
|    |  |   |            |
| 5  | Financial Provision for FLRA - amount of cover                               | £6.5 million  |            |
|    |  |   |            |
|    |  |   |            |
| 6  | Financial Provision for ELRA - type  | Public Liability Insurance with Environmental Impairment Liability cover, |            |
|    |  |   |            |
| 7  | Financial provision for ELRA expiry date                                     | 23/05/2013  |            |
| 8  | Closure plan initial agreement status  | Closure plan submitted and agreed by EPA                                  |            |
| 9  | Closure plan review status   | Review required and completed   |            |
| 10 | Financial Provision for Closure status                                       | Submitted and agreed by EPA   |            |
| 11 | Financial Provision for Closure - amount of cover                            | €6.5 million  |            |
| 12 | Financial Provision for Closure - type                                       | Public Liability Insurance with Environmental Impairment Liability cover, |            |
| 13 | Financial provision for Closure expiry date                                  | 23/05/2013  |            |

#### 3.7. EMP

|   | Environmental Management Pro             | gramme/Continuous              | Improvement Prog        | amme template              | Lic No:                | W0227-01                  |
|---|--|--------------------------------|-------------------------|----------------------------|------------------------|---------------------------|
|   | Highlighted cells cont                   | ain dropdown menu click to     | view                    |                            | Additional Information |                           |
| 1 | Do you maintain an Environmental Mar     | ngement System (EMS) for t     | he site. If yes, please |                            |                        |                           |
| _ | detail in a                              | dditional information          |                         | Yes                        | Certified to           | ISO 14001                 |
|   | Does the EMS reference the most signific | cant environmental aspects     | and associated impacts  |                            |                        |                           |
| 2 |  | on-site                        |                         | Yes                        |                        |                           |
|   | Does the EMS maintain an Environmen      | tal Management Programm        | e (EMP) as required in  |                            |                        |                           |
| 3 | accordance with                          | n the licence requirements     | 、 <i>,</i> 」            | Yes                        |                        |                           |
|   | Do you maintain an environmental doc     | umentation/communication       | n system to inform the  |                            |                        |                           |
| 4 | public on environmental performa         | ance of the facility, as requi | red by the licence      | Yes                        |                        |                           |
|   |  |                                |                         |                            |                        |                           |
|   |  |                                |                         |                            |                        |                           |
|   | Environmental Management Program         | ama (ENAD) report              |                         |                            |                        |                           |
|   | Chiestive Category                       |                                | Status (% completed)    | How target was prograssed  | Decreacibility         | Intermediate autoemee     |
|   |  | Target                         | Status (% completed)    | now target was progressed  | Responsibility         | Internetiate outcomes     |
|   |  |                                |                         |                            |                        |                           |
|   |  |                                |                         | Housekeeping,              |                        |                           |
|   |  |                                |                         | Woodchipping moved         |                        |                           |
|   |  | Reduction of Dust              |                         | indoors, PVC curtains      |                        | Increased compliance with |
|   | Reduction of emissions to Air            | emmisions                      | 100                     | installed                  | Section Head           | licence conditions        |
|   |  |                                |                         | Develop building to allow  |                        |                           |
|   |  |                                |                         | more spacing for           |                        |                           |
|   |  |                                |                         | segregation of recyclable  |                        |                           |
|   | Waste reduction/Raw material usage       | Reduce waste levels to         |                         | streams, utilise Indaver   |                        | Improved Environmental    |
|   | efficiency                               | landfill                       | 40                      | facility for WtE           | Section Head           | Management Practices      |
|   |  |                                |                         | SOP, flagging system,      |                        |                           |
|   |  |                                |                         | register and charge back   |                        |                           |
|   | Waste reduction/Raw material usage       | Improve management of          |                         | mechanism developed        |                        | Improved Environmental    |
|   | efficiency                               | unnaceptable waste             | 100                     | and implemented            | Section Head           | Management Practices      |
|   |  | Improve waste                  |                         | New lockable fence and     |                        | Increased compliance with |
|   | Materials Handling/Storage/Bunding       | quarantine area                | 100                     | crash barriers installed   | Section Head           | licence conditions        |
|   |  | Implement EHS                  |                         | training developed for all |                        | Improved Environmental    |
|   | Additional improvements                  | awareness training             | 70                      | staff and implemented      | Section Head           | Management Practices      |
|   |  |                                |                         | Resource management        |                        |                           |
|   |  |                                |                         | system implemented to      |                        |                           |
|   |  | Quantify and improve           |                         | track usages, diesel tank  |                        | Improved Environmental    |
|   | Energy Efficiency/Utility conservation   | resource usage                 | 70                      | installed                  | Section Head           | Management Practices      |

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#### 3.8. NOISE

|      |   | Noi              | ise monitor           | ing summar                          | y report                |                  |                  | Lic No:           | W0227-01           | Year                          | 2012                            |                        |
|------|---|------------------|-----------------------|-------------------------------------|-------------------------|------------------|------------------|-------------------|--------------------|-------------------------------|---------------------------------|------------------------|
|      |   |                  |                       |                                     |                         |                  |                  |                   |                    |                               |                                 |                        |
| 1 Wa | as noise m                                      | onitoring a lice | ence requireme        | ent for the AER                     | period?                 |                  |                  |                   | Yes                |                               |                                 |                        |
| lf y | es please                                       | fill in table N1 | noise summar          | y below                             |                         |                  |                  |                   |                    |                               |                                 |                        |
|      |   |                  |                       |                                     |                         |                  |                  | Noise             |                    |                               |                                 |                        |
| 2 Wa | as noise m                                      | onitoring carrie | ed out using th       | e EPA Guidance                      | e note includ           | ing comple       | etion of         | Guidance          | SELECT             |                               |                                 |                        |
| the  | e "Checklis                                     | st for noise me  | asurement rep         | ort" included in                    | n the guidan            | ce note as       | table 6?         | <u>note NG4</u>   |                    |                               |                                 |                        |
| 3 Do | Does your site have a noise reduction plan      |                  |                       |                                     |                         |                  |                  |                   | SELECT             |                               |                                 |                        |
| 4 Wł | When was the noise reduction plan last updated? |                  |                       |                                     |                         |                  |                  |                   |                    |                               |                                 |                        |
| 5 +  | lave there                                      | been changes     | relevant to sit<br>tł | e noise emissic<br>ne last noise su | ons (e.g. plan<br>rvey? | t or operat      | tional chan      | ges) since        | SELECT             |                               |                                 |                        |
|      |   |                  |                       |                                     |                         |                  |                  |                   |                    |                               |                                 |                        |
| Tal  | ble N1: No                                      | ise monitoring   | summary               |                                     |                         |                  |                  |                   |                    |                               |                                 |                        |
|      |   |                  |                       | Noico                               |                         |                  |                  |                   |                    |                               |                                 |                        |
|      |   |                  |                       | consitivo                           |                         |                  |                  |                   |                    |                               |                                 | Is site compliant with |
|      |   |                  | Noise                 | location -NSI                       |                         |                  |                  |                   |                    | If tonal /impulsive noise was | Comments (ex. main noise        | noise limits           |
| Da   | te of   |                  | location (on          | (if                                 |                         |                  |                  |                   | Tonal or Impulsive | identified was 5dB nenalty    | sources on site & extraneous    | (dav/evening/night)?   |
| mc   | nitoring  | Time period      | site)                 | applicable)                         | 1.0                     | 1.0              | 1.0              | 1.0               | noise* (Y/N)       | applied?                      | noise ex road traffic)          |                        |
|      | mitoring  | nine period      | 5100                  | applicable)                         | LA <sub>eq</sub>        | LA <sub>90</sub> | LA <sub>10</sub> | LA <sub>max</sub> |                    |                               | No sudible poise from the site  |                        |
|      |   |                  |                       |                                     |                         |                  |                  |                   |                    |                               | No audible horse from the site. |                        |
|      |   |                  |                       |                                     |                         |                  |                  |                   |                    |                               | hoise levels primarily due to   |                        |
|      |   |                  |                       |                                     |                         |                  |                  |                   |                    |                               | trainc on the Kneen rd. with    |                        |
|      |   |                  |                       |                                     |                         |                  |                  |                   |                    |                               | some noise detected from        |                        |
|      |   |                  |                       |                                     |                         |                  |                  |                   | No                 | No                            | difference in Loog between day  | Voc                    |
|      |   |                  |                       |                                     |                         |                  |                  |                   | INU                | NO                            | and night mossurement clearly   | Tes                    |
|      |   |                  |                       |                                     |                         |                  |                  |                   |                    |                               | shows that the almost           |                        |
|      |   |                  |                       | N1 beside                           |                         |                  |                  |                   |                    |                               | continuous stream of traffic on |                        |
|      |   |                  |                       | cottages on                         |                         |                  |                  |                   |                    |                               | the road has the most           |                        |
| 0    | 9/10/2012                                       | 14.28            | na                    | Kileen Rd                           | 73 7                    | 63 1             | 76.6             | 76.6              |                    |                               | significant impact on the NSI   |                        |
|      | 5, 10, 2012                                     | 14.20            | iiu                   | kileen ku                           | 73.7                    | 05.1             | 70.0             | 70.0              |                    |                               | No audible poise from the site  |                        |
|      |   |                  |                       |                                     |                         |                  |                  |                   |                    |                               | Noise levels primarily due to   |                        |
|      |   |                  |                       |                                     |                         |                  |                  |                   |                    |                               | traffic on the Kileen rd, with  |                        |
|      |   |                  |                       |                                     |                         |                  |                  |                   |                    |                               | some noise detected from        |                        |
|      |   |                  |                       |                                     |                         |                  |                  |                   |                    |                               | other industrial premises. Any  |                        |
|      |   |                  |                       |                                     |                         |                  |                  |                   | No                 | No                            | difference in Laeg between day  | Yes                    |
|      |   |                  |                       |                                     |                         |                  |                  |                   |                    |                               | and night measurement clearly   |                        |
|      |   |                  |                       |                                     |                         |                  |                  |                   |                    |                               | shows that the almost           |                        |
|      |   |                  |                       | N1 beside                           |                         |                  |                  |                   |                    |                               | continuous stream of traffic on |                        |
|      |   |                  |                       | cottages on                         |                         |                  |                  |                   |                    |                               | the road has the most           |                        |
| 0    | 9/10/2012                                       | 15:29            | na                    | Kileen Rd                           | 74.4                    | 61.1             | 99.6             | 99.6              |                    |                               | significant impact on the NSL   |                        |

|                   |                      |                    |                     |                 | No audible noise from the site. |               |                  |                       |                             |                                 |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|-------------------|----------------------|--------------------|---------------------|-----------------|---------------------------------|---------------|------------------|-----------------------|-----------------------------|---------------------------------|-----|--|--|--|--|--------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------------------------|
|                   |                      |                    |                     |                 |                                 |               |                  |                       |                             | Noise levels primarily due to   |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    |                     |                 |                                 |               |                  |                       |                             | traffic on the Kileen rd. with  |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    |                     |                 |                                 |               |                  |                       |                             | some noise detected from        |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    |                     |                 |                                 |               |                  |                       |                             | other industrial premises. Any  |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    |                     |                 |                                 |               |                  | No                    | No                          | difference in Laeq between day  | Yes |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    |                     |                 |                                 |               |                  |                       |                             | and night measurement clearly   |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    |                     |                 |                                 |               |                  |                       |                             | shows that the almost           |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    | N1 beside           |                 |                                 |               |                  |                       |                             | continuous stream of traffic on |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    | cottages on         |                 |                                 |               |                  |                       |                             | the road has the most           |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
| 09/10/2012        | 16:01                | na                 | Kileen Rd           | 73.4            | 64.4                            | 76.4          | 76.4             |                       |                             | significant impact on the NSL   |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    |                     |                 |                                 |               |                  |                       |                             | No audible noise from the site. |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    |                     |                 |                                 |               |                  |                       |                             | Noise levels primarily due to   |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    |                     |                 |                                 |               |                  |                       |                             | traffic on the Kileen rd. with  |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    |                     |                 |                                 |               |                  |                       |                             | some noise detected from        |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    |                     |                 |                                 |               |                  |                       |                             | other industrial premises. Any  |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    |                     |                 |                                 |               |                  | No                    | No                          | difference in Laeg between day  | Yes |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    |                     |                 |                                 |               |                  |                       |                             | and night measurement clearly   |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    |                     |                 |                                 |               |                  |                       |                             | shows that the almost           |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    | N1 beside           |                 |                                 |               |                  |                       |                             | continuous stream of traffic on |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    | cottages on         |                 |                                 |               |                  |                       |                             | the road has the most           |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
| 09/10/2012        | 23:00                | na                 | Kileen Rd           | 66.4            | 46.5                            | 69.2          | 69.2             |                       |                             | significant impact on the NSL   |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    |                     |                 |                                 |               |                  |                       |                             | No audible noise from the site. |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    |                     |                 |                                 |               |                  |                       |                             | Noise levels primarily due to   |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    |                     |                 |                                 |               |                  |                       |                             | traffic on the Kileen rd. with  |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    |                     |                 |                                 |               |                  |                       |                             |                                 |     |  |  |  |  | some noise detected from |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    |                     |                 |                                 |               |                  |                       |                             |                                 |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  | other industrial premises. Any |
|                   |                      |                    |                     |                 |                                 |               |                  | No                    | No                          | difference in Laeg between day  | Yes |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    |                     |                 |                                 |               |                  |                       |                             | and night measurement clearly   |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    |                     |                 |                                 |               |                  |                       |                             | shows that the almost           |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    | N1 beside           |                 |                                 |               |                  |                       |                             | continuous stream of traffic on |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    | cottages on         |                 |                                 |               |                  |                       |                             | the road has the most           |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
| 10/10/2012        | 00:01                | na                 | Kileen Rd           | 69.3            | 44.9                            | 102.2         | 102.2            |                       |                             | significant impact on the NSL   |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
| *Please ensure th | nat a tonal analysis | has been carried o | out as per guidance | note NG4. These | records must                    | be maintained | onsite for futur | e inspection          |                             |                                 |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    |                     |                 |                                 |               |                  |                       |                             |                                 |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    |                     |                 |                                 |               |                  |                       |                             |                                 |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   | If noise limi        | its avcoadad a     | s a result of poi   | co attributo    | d to cito ac                    | tivition pla  |                  | the corrective action | from the following entions? | SELECT                          |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   | II HOISE IIII        | its exceeded a     | is a result of hor  | se attribute    | u to site ac                    | livities, pie |                  | the corrective action | from the following options: |                                 |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    |                     |                 |                                 |               |                  |                       |                             |                                 |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    |                     |                 |                                 |               |                  |                       |                             |                                 |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    |                     |                 |                                 |               |                  |                       |                             |                                 |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    | Ļ                   |                 |                                 |               |                  | l                     |                             |                                 |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    |                     |                 |                                 |               |                  |                       |                             |                                 |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    | piease e            | xpiani the re   | asuniorne                       | or taking at  | lion/resolut     | ion of noise issues?  |                             | 4                               |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    |                     | Anyaddii        | tional com                      | monte? (loc   | s than 200 v     | (ords)                |                             |                                 |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |
|                   |                      |                    |                     |                 | uonai tuilli                    | menus: (185   | 55 UTATI 200 W   | 0.03/                 |                             |                                 |     |  |  |  |  |                          |  |  |  |  |  |  |  |  |  |  |  |  |  |                                |

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#### 3.9. Resource-Energy

| When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below         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       SEAI - Large. Industry Energy. Network (LIEN)         Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information       Network (LIEN)         Table R1 Energy usage on site       Production +/-% compared to previous reporting year**       Energy Consumption +/-% vs overall site reporting year**         Total Energy Use       Previous year       Current year       reporting year**         Total Energy Generated (MWHrs)       191,814       186,695       Production */         Fossil Fuels Consumption       0       0       1         Heavy Fuel Oil (m3)       0       0       1         Heavy Fuel Oil (m3)       0       0       1         Heavy Fuel Oil (m3)       0       0       1         Peat (metric tonnes)       0       0       1         Renewable Biomass       0       0       0       1         Renewable energy generated on site       0       0       0       1  | W0227-01                               | Lic No:             |              |                        | ncy summary             | ource Usage/Energy efficie            | SC |
|--|--|---------------------|--------------|------------------------|-------------------------|---------------------------------------|----|
| When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below       SEAI - Large         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       SEAI - Large         Image: SEAI - Large conservation such as the SEAI programme linked to the right? If yes please list them in additional information       SEAI - Large         Image: SEAI - Large conservation such as the SEAI programme linked to the right? If yes please list them in additional information       Network (LIEN)         Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information       Energy         Table R1 Energy usage on site       Production +/- % compared to previous       Energy Consumption +/- % vs overall site provide the reporting year**         Total Energy Used (MWHrs)       191,814       186,695       Production*         Total Energy Generated (MWHrs)       191,814       186,695       Energy         Fossil Fuels Consumption:       Image: Consumption       Image: Consumption*       Image: Consumption*         Heavy Fuel Oil (m3)       0       0       Image: Consumption*       Image: Consumption*         Heavy Fuel Oil (m3)       0       0       Image: Consumption*       Image: Consumption*         Heavy Fuel Oil (m3)       0 </th <th>Additional infor</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>+</th> | Additional infor                       |                     |              |                        |                         |                                       | +  |
| below       SEAI - Large_<br>Industry Energy<br>additional information       SEAI - Large_<br>Industry Energy<br>Network (LIEN)       Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state<br>percentage in additional information     Image: Consumption +/- %<br>Compared to<br>previous year     Energy<br>Compared to<br>previous       Table R1 Energy Use     Previous year     Current year     Consumption +/- %<br>compared to<br>previous     Energy<br>% vs overall site<br>production*       Total Energy Use     Previous year     O     O       Total Energy Generated (MWHrs)     191,814     186,695     Image: Consumption +/-<br>% vs overall site<br>production*       Fossil Fuels Consumption:     Image: Consumption +/<br>O     Image: Consumption +/<br>% vs overall site<br>production*       Heavy Fuel Oil (m3)     0     0       Ight Fuel Oil (m3)     0     0       Ight Fuel Oil (m3)     0     0       Coal/Solid fuel (metric tonnes)     0     0       Peat (metric tonnes)     0     0       Renewable Biomass     0     0       Renewable Biomass     0     0  |  | dations in table 3  | ist the reco | ciency audit? Please   | nost recent energy effi | When did the site carry out the m     | +  |
| Is the site a member of any accredited programmes for reducing energy usage/water<br>conservation such as the SEAI programme linked to the right? If yes please list them in<br>additional information<br>Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state<br>percentage in additional information<br>Table R1 Energy usage on site<br>Production +/-%<br>Energy Use<br>Previous year<br>Total Energy Use (MWHrs)<br>Total Energy Generated (MWHrs)<br>Total Energy Generate<br>0<br>0<br>Electricity Consumption:<br>Heavy Fuel Oil (m3)<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   | 2011                                   |                     |              | low                    | be                      | · · · · · · · · · · · · · · · · · · · | L  |
| conservation such as the SEAI programme linked to the right? If yes please list them in additional information       Industry Energy. Network (LIEN)         Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information       Previous ? Please state         Table R1 Energy usage on site       Production +/- % compared to previous previous frequency       Energy Consumption +/- % vs overall site         Energy Use       Previous year       Current year       reporting year**         Total Energy Used (MWHrs)       191,814       186,695       Production */         Total Energy Generated (MWHrs)       0       0       Image: Consumption */         Total Energy Generated (MWHrs)       191,814       186,695       Image: Consumption */         Fossil Fuels Consumption       0       0       Image: Consumption */         Heavy Fuel Oil (m3)       0       0       Image: Consumption */         Natural gas (CMN)       0       0       Image: Consumption */         Natural gas (CMN)       0       0       Image: Consumption */         Peat(metric tonnes)       0       0       Image: Consumption */         Natural gas (CMN)       0       0       Image: Consumption */         Peat(metric tonnes)       0       0       Image: Consumption */   |  | SEAI - Large        | usage/wate   | for reducing energy    | ccredited programmes    | Is the site a member of any a         |    |
| additional information       Network (LIEN)         Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information       Please state         Table R1 Energy usage on site       Production +/- % compared to previous       Energy Consumption +/- % vs overall site         Energy Use       Previous year       Current year       reporting year**         Total Energy Generated (MWHrs)       191,814       186,695       Production */         Total Energy Generated (MWHrs)       0       0       Image: Compared to previous         Fossil Fuels Consumption (MWHrs)       191,814       186,695       Image: Compared to previous         Fossil Fuels Consumption (MWHrs)       191,814       186,695       Image: Compared to previous         Fossil Fuels Consumption       Image: Compared to previous       Image: Compared to previous       Image: Compared to previous         Itight Fuel Oil (m3)       0       0       Image: Compared to previous       Image: Compared to previous         Peat (metric tonnes)       0       0       Image: Compared to previous       Image: Compared to previous         Peat (metric tonnes)       0       0       Image: Compared to previous       Image: Compared to previous         Renewable Biomass       0       0       0       Image: Compared to  | <u>r</u>                               | Industry Energy     | e list them  | he right? If yes pleas | programme linked to t   | conservation such as the SEAI         |    |
| Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information         Table R1 Energy usage on site         Table R1 Energy usage on site         Production +/- % Compared to previous         compared to previous         production +/- % K vs overall site         Total Energy Used (MWHrs)       191,814         184       186,695         Total Energy Generated (MWHrs)       0         0       0         Total Renewable Energy Generate       0         0       0         Electricity Consumption:       191,814         Heavy Fuel Oil (m3)       0         0       0         Uight Fuel Oil (m3)       0         0       0         Coal/Solid fuel (metric tonnes)       0         0       0         Renewable Biomass       0         0       0         Renewable Biomass       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0       0         0  | l no                                   | Network (LIEN)      |              | on                     | additional informati    |                                       | 2  |
| percentage in additional informationTable R1 Energy usage on siteProduction +/- %<br>compared to<br>previous<br>vo so verall siteEnergy UsePrevious yearCurrent year<br>current yearEnergy<br>compared to<br>previous<br>vo so verall siteTotal Energy Used (MWHrs)191,814186,695Image: Compared to<br>previous<br>reporting year**Total Energy Generated (MWHrs)00Image: Compared to<br>previous<br>total Energy GenerateImage: Current yearTotal Energy Generated (MWHrs)191,814186,695Image: Compared to<br>previous<br>total Renewable Energy GenerateImage: Current yearTotal Renewable Energy Generate000Image: Current yearImage: Current yearTotal Renewable Energy Generate000Image: Current yearImage: Current year<   |  | ons? Please state   | th licence c | content compliant wi   | on site is the sulphur  | Where Fuel Oil is used in boilers     |    |
| Table R1 Energy usage on siteProduction +/- %<br>compared to<br>previousEnergy<br>Consumption +/-<br>% vs overall site<br>production*Energy UsePrevious yearCurrent yearreporting year**<br>reporting year**Total Energy Used (MWHrs)191,814186,695Total Energy Generated (MWHrs)00Total Renewable Energy Generate00Total Renewable Energy Generate00Electricity Consumption (MWHrs)191,814186,695Fossil Fuels Consumption:Heavy Fuel Oil (m3)00Light Fuel Oil (m3)4.7254.373Natural gas (CMN)00Peat (metric tonnes)00Renewable Biomass00Renewable Biomass00   | SELECT                                 |                     |              | litional information   | percentage in add       |                                       | 3  |
| Table R1 Energy usage on siteProduction +/- %<br>compared to<br>previousEnergy<br>Consumption +/-<br>% vs overall site<br>production*Energy UsePrevious yearCurrent yearreporting year**<br>reporting year**Production*Total Energy Used (MWHrs)191,814186,695Total Energy Generated (MWHrs)00Total Renewable Energy Generate00Electricity Consumption (MWHrs)191,814186,695Fossil Fuels Consumption:Heavy Fuel Oil (m3)00Matural gas (CMN)00Peat (metric tonnes)00Renewable Biomass00Renewable Biomass00Renewable energy generated on<br>site00O00-Coal/Solid fuel energy generated on<br>site00O000-Renewable energy generated on<br>site00-O000-Renewable energy generated on<br>site00-O000-Renewable energy generated on<br>site00-Coal/Solid fuel energy generated on<br>site00-Coal/Solid fuel energy generated on<br>site00-Coal/Solid fuel energy generated on<br>site00-Coal/Solid fuel energy generated on<br>site <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>  |  |                     |              |                        |                         |                                       |    |
| Table R1 Energy usage on siteProduction +/- %<br>compared to<br>previousEnergy<br>Consumption +/-<br>% vs overall site<br>reporting year**Energy<br>Consumption +/-<br>% vs overall siteEnergy UsePrevious yearCurrent yearreporting year**production*Total Energy Used (MWHrs)191,814186,695Total Energy Generated (MWHrs)00Total Energy Generated (MWHrs)191,814186,695Total Renewable Energy Generate00Electricity Consumption (MWHrs)191,814186,695Fossil Fuels Consumption:00Heavy Fuel Oil (m3)00Natural gas (CMN)00Peat (metric tonnes)00Renewable Biomass000Renewable Biomass000site000  |  |                     |              |                        |                         |                                       |    |
| Energy<br>Compared to<br>previousPrevious yearProduction +/-%<br>compared to<br>previousEnergy<br>Consumption +/-<br>previousEnergy<br>Consumption +/-<br>w vs overall siteTotal Energy Used (MWHrs)191,814186,695Total Energy Generated (MWHrs)00Total Renewable Energy Generate00Electricity Consumption (MWHrs)191,814186,695Fossil Fuels Consumption:191,814186,695Heavy Fuel Oil (m3)00Matural gas (CMN)000Peat (metric tonnes)000Renewable Biomass000Renewable energy generated on<br>site000Image: Consumption on<br>Site000Renewable Biomass000Site0000Site0000Site0000Site0000Site0000Site0000Site0000Site0000Site0000Site0000Site000 <td></td> <td></td> <td></td> <td></td> <td>e on site</td> <td>Table R1 Energy usag</td> <td>L</td>   |  |                     |              |                        | e on site               | Table R1 Energy usag                  | L  |
| Energy UsePrevious yearCurrent yearcompared to<br>previousConsumption +/-<br>% vs overall siteTotal Energy Used (MWHrs)191,814186,695Total Energy Generated (MWHrs)00Total Renewable Energy Generate00Electricity Consumption (MWHrs)191,814186,695Fossil Fuels Consumption: </td <td></td> <td>Energy</td> <td>Production</td> <td></td> <td></td> <td></td> <td></td>  |  | Energy              | Production   |                        |                         |                                       |    |
| Energy UsePrevious yearcurrent yearprevious% vs overall siteTotal Energy Used (MWHrs)191,814186,695Total Energy Generated (MWHrs)00Total Renewable Energy Generate00Total Renewable Energy Generate00Electricity Consumption (MWHrs)191,814186,695Fossil Fuels Consumption: </td <td></td> <td>Consumption +/-</td> <td>compared</td> <td></td> <td></td> <td></td> <td></td>  |  | Consumption +/-     | compared     |                        |                         |                                       |    |
| Energy UsePrevious yearCurrent yearreporting year**production*Total Energy Used (MWHrs)191,814186,695Total Energy Generated (MWHrs)00Total Renewable Energy Generate00Electricity Consumption (MWHrs)191,814186,695Fossil Fuels Consumption:   |  | % vs overall site   | previous     |                        |                         |                                       |    |
| Total Energy Used (MWHrs)191,814186,695Total Energy Generated (MWHrs)00Total Renewable Energy Generate00Electricity Consumption (MWHrs)191,814186,695Fossil Fuels Consumption:Heavy Fuel Oil (m3)00Light Fuel Oil (m3)4.7254.373Natural gas (CMN)00Coal/Solid fuel (metric tonnes)00Peat (metric tonnes)00Renewable Biomass00site00  |  | production*         | reporting y  | Current year           | Previous year           | Energy Use                            |    |
| Total Energy Generated (MWHrs)00Total Renewable Energy Generate00Electricity Consumption (MWHrs)191,814186,695Fossil Fuels Consumption:Heavy Fuel Oil (m3)00Light Fuel Oil (m3)4.7254.373Natural gas (CMN)00Coal/Solid fuel (metric tonnes)00Peat (metric tonnes)00Renewable Biomass00site00   |  |                     |              | 186,695                | 191,814                 | Total Energy Used (MWHrs)             | ľ  |
| Total Renewable Energy Generate00Electricity Consumption (MWHrs)191,814186,695Fossil Fuels Consumption:Heavy Fuel Oil (m3)00Light Fuel Oil (m3)4.7254.373Natural gas (CMN)00Coal/Solid fuel (metric tonnes)00Peat (metric tonnes)00Renewable Biomass00site00   |  |                     |              | 0                      | 0                       | Total Energy Generated (MWHrs)        | ľ  |
| Electricity Consumption (MWHrs)191,814186,695Fossil Fuels Consumption:Heavy Fuel Oil (m3)00Light Fuel Oil (m3)4.7254.373Natural gas (CMN)00Coal/Solid fuel (metric tonnes)00Peat (metric tonnes)00Renewable Biomass00Renewable energy generated on site00  |  |                     |              | 0                      | 0                       | Total Renewable Energy Generate       |    |
| Fossil Fuels Consumption:Image: constraint of the systemHeavy Fuel Oil (m3)00Light Fuel Oil (m3)4.7254.373Natural gas (CMN)00Coal/Solid fuel (metric tonnes)00Peat (metric tonnes)00Renewable Biomass00Renewable energy generated on site00  |  |                     |              | 186,695                | 191,814                 | Electricity Consumption (MWHrs)       |    |
| Heavy Fuel Oil (m3)00Light Fuel Oil (m3)4.7254.373Natural gas (CMN)00Coal/Solid fuel (metric tonnes)00Peat (metric tonnes)00Renewable Biomass00Renewable energy generated on site00  |  |                     |              |                        |                         | Fossil Fuels Consumption:             |    |
| Light Fuel Oil (m3)4.7254.373Natural gas (CMN)00Coal/Solid fuel (metric tonnes)00Peat (metric tonnes)00Renewable Biomass00Renewable energy generated on<br>site00  |  |                     |              | 0                      | 0                       | Heavy Fuel Oil (m3)                   |    |
| Natural gas (CMN)00Coal/Solid fuel (metric tonnes)00Peat (metric tonnes)00Renewable Biomass00Renewable energy generated on site00  |  |                     |              | 4.373                  | 4.725                   | Light Fuel Oil (m3)                   |    |
| Coal/Solid fuel (metric tonnes)00Peat (metric tonnes)00Renewable Biomass00Renewable energy generated on<br>site00  |  |                     |              | 0                      | 0                       | Natural gas (CMN)                     |    |
| Peat (metric tonnes)00Renewable Biomass00Renewable energy generated on<br>site00   |  |                     |              | 0                      | 0                       | Coal/Solid fuel (metric tonnes)       |    |
| Renewable Biomass     0     0       Renewable energy generated on site     0     0   |  |                     |              | 0                      | 0                       | Peat (metric tonnes)                  |    |
| Renewable energy generated on site     0     0   |  |                     |              | 0                      | enewable Biomass        |                                       | I  |
| site 0 0   |  |                     |              |                        |                         | Renewable energy generated on         | I  |
|  |  |                     |              | 0                      | 0                       | site                                  |    |
| * where consumption of energy can be compared to overall site production please enter this information as perce  | entage increase or decrease compared t | formation as percen | ease enter   | rall site production p | in be compared to over  | * where consumption of energy ca      |    |

| Table R2 Water usage              | e on site               |                        |                      |                    | Water Emissions                | Water Consumption     |                          |
|-----------------------------------|-------------------------|------------------------|----------------------|--------------------|--------------------------------|-----------------------|--------------------------|
|                                   |                         |                        |                      |                    |                                | Volume used i.e       |                          |
|                                   |                         |                        | Production +/- %     | Energy             | Volume Discharged              | not discharged to     |                          |
|                                   |                         |                        | compared to          | Consumption +/-    | back to                        | environment e.g.      |                          |
|                                   | Water extracted         | Water extracted        | previous             | % vs overall site  | environment(m <sup>3</sup> yr) | released as steam     |                          |
| Water use                         | Previous year m3/yr.    | Current year m3/yr.    | reporting year**     | production*        | :                              | m3/yr                 | Unaccounted for Water:   |
| Groundwater                       | 0                       | 0                      |                      |                    |                                |                       |                          |
| Surface water                     | 0                       | 0                      |                      |                    |                                |                       |                          |
| Public supply                     | 396                     | 361                    |                      |                    |                                |                       |                          |
| Recycled water                    | 0                       | 0                      |                      |                    |                                |                       |                          |
| Total                             | 396                     | 361                    |                      |                    |                                |                       |                          |
| * where consumption of water can  | be compared to overa    | Il site production ple | ease enter this info | rmation as percent | age increase or decre          | ase compared to the p | previous reporting year. |
| ** where site production informat | ion is available please | enter percentage inc   | rease or decrease    | compared to previo | bus year                       |                       |                          |
|                                   |                         |                        |                      |                    |                                |                       |                          |
|                                   |                         |                        |                      |                    |                                |                       |                          |
| Table R3 Waste Stream             | n Summary               |                        |                      |                    |                                |                       |                          |
|                                   | Total                   | Landfill               | Incineration         | Recycled           | Other                          |                       |                          |
| Hazardous (Tonnes)                |                         |                        |                      |                    |                                |                       |                          |
| Non-Hazardous (Tonnes)            |                         |                        |                      |                    |                                |                       |                          |
|                                   |                         |                        |                      |                    |                                |                       |                          |
| Table R4: Energy Aud              | dit finding recommend   | ations                 |                      |                    |                                |                       |                          |
|                                   |                         |                        |                      |                    |                                |                       |                          |
|                                   |                         | Description of         | Origin of            | Predicted energy   | Implementation                 |                       |                          |
| Date of audit                     | Recommendations         | Measures proposed      | measures             | savings %          | date                           | Responsibility        | Completion date          |
|                                   |                         |                        | SELECT               |                    |                                |                       |                          |
|                                   |                         |                        | SELECT               |                    |                                |                       |                          |
|                                   |                         |                        | SELECT               |                    |                                |                       |                          |

| Table R5: Power Generation: Whe   | ere power is ger | erated onsite (e.g. pov | wer generation faci | lities/food and drir | nk industry)please comp |
|-----------------------------------|------------------|-------------------------|---------------------|----------------------|-------------------------|
|                                   | Unit ID          | Unit ID                 | Unit ID             | Unit ID              | Station Total           |
| Technology                        |                  |                         |                     |                      |                         |
| Primary Fuel                      |                  |                         |                     |                      |                         |
| Thermal Efficiency                |                  |                         |                     |                      |                         |
| Unit Date of Commission           |                  |                         |                     |                      |                         |
| Total Starts for year             |                  |                         |                     |                      |                         |
| Total Running Time                |                  |                         |                     |                      |                         |
| Total Electricity Generated (GWH) | )                |                         |                     |                      |                         |
| House Load (GWH)                  |                  |                         |                     |                      |                         |
| KWH per Litre of Process Water    |                  |                         |                     |                      |                         |
| KWH per Litre of Total Water used | l on Site        |                         |                     |                      |                         |

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### 3.10. Complaints-incidents

| Complaints an     | d Incidents summary tem         | plate                        |                      |                       | Lic No:          | W0227-01        |             | Year | 2012 |
|-------------------|---------------------------------|------------------------------|----------------------|-----------------------|------------------|-----------------|-------------|------|------|
|                   |                                 | Complaints                   |                      |                       |                  |                 |             |      |      |
|                   |                                 |                              |                      |                       | Additional infor | mation          |             |      |      |
| Have you rece     | ived any environmental complain | nts in the current reporting | gyear? If yes please |                       |                  |                 |             |      |      |
| com               | plete summary details of compla | ints received on site in tab | le 1 below           | Yes                   |                  |                 |             |      |      |
|                   |                                 |                              |                      |                       |                  |                 |             |      |      |
|                   |                                 |                              |                      |                       |                  |                 |             |      |      |
|                   |                                 |                              |                      |                       |                  |                 |             |      |      |
|                   |                                 |                              |                      |                       |                  |                 |             |      |      |
| Table 1           | Complaints summary              |                              |                      |                       |                  |                 |             |      |      |
|                   |                                 |                              | Brief description of |                       |                  |                 |             |      |      |
|                   |                                 | Other type (please           | complaint (Free txt  | Corrective action< 20 | Resolution       |                 | Further     |      |      |
| Date              | Category                        | specify)                     | <20 words)           | words                 | status           | Resolution date | information |      |      |
|                   |                                 |                              |                      | Wood chipping moved   |                  |                 |             |      |      |
|                   |                                 |                              | Elevated dust level  | indoors. PVC curtains |                  |                 |             |      |      |
| 26/06/2012        | Dust                            |                              | complaint            | installed             | Complete         |                 |             |      |      |
|                   | SELECT                          |                              |                      |                       | SELECT           |                 |             |      |      |
|                   | SELECT                          |                              |                      |                       | SELECT           |                 |             |      |      |
|                   | SELECT                          |                              |                      |                       | SELECT           |                 |             |      |      |
|                   | SELECT                          |                              |                      |                       | SELECT           |                 |             |      |      |
| Total complaints  |                                 |                              |                      |                       |                  |                 |             |      |      |
| open at start of  |                                 |                              |                      |                       |                  |                 |             |      |      |
| reporting year    | 0                               |                              |                      |                       |                  |                 |             |      |      |
| Total new         |                                 |                              |                      |                       |                  |                 |             |      |      |
| complaints        |                                 |                              |                      |                       |                  |                 |             |      |      |
| received during   |                                 |                              |                      |                       |                  |                 |             |      |      |
| reporting year    | 1                               |                              |                      |                       |                  |                 |             |      |      |
| Total complaints  |                                 |                              |                      |                       |                  |                 |             |      |      |
| closed during     |                                 |                              |                      |                       |                  |                 |             |      |      |
| reporting year    | 1                               |                              |                      |                       |                  |                 |             |      |      |
| Balance of        |                                 |                              |                      |                       |                  |                 |             |      |      |
| complaints end of |                                 |                              |                      |                       |                  |                 |             |      |      |
| reporting year    | 0                               | )                            |                      |                       |                  |                 |             |      |      |

|   |  |   |                                   |          | Additional inform | mation                |                              |               |            |  |                            |            |            |              |
|---|--|---|-----------------------------------|----------|-------------------|-----------------------|------------------------------|---------------|------------|--|----------------------------|------------|------------|--------------|
| Have any incident   | s occurred on site in the current r<br>reporting year i  | eporting year? Please list a<br>n Table 2 below | all incidents for current         | Yes      |                   |                       |                              |               |            |  |                            |            |            |              |
| *For informatic   | *For information on how to report and what<br>constitutes an incident <u>What is an incident</u> |   |                                   |          |                   |                       |                              |               |            |  |                            |            |            |              |
| Table 2 Incidents s   | ummary   |   | ]                                 |          |                   |                       |                              |               |            |  |                            |            |            |              |
| Date of   | Incident paturo  | Location of occurrence                          | Incident<br>category*please refer | Becontor | Cause of          | Other<br>cause(please | Activity in progress at time | Communication | Occurrence | Corrective   | Preventative<br>action <20 | Resolution | Resolution | Liklihood of |
| 14 June to 16 July  |  | Licenced discharge point                        | 1 Minor                           | Air      |                   | specity               | Normal activities            | EDA           | Becurring  | Wood chipping<br>moved indoors.<br>PVC curtains              | words                      | Complete   | uate       | Low          |
| 14 June to 16 July<br>2012                                      | Breach of ELV  | Licenced discharge point                        | 1. Minor                          | Air      | Operational con   | trols                 | Normal activities            | EPA           | Recurring  | Wood chipping<br>moved indoors.<br>PVC curtains<br>installed |                            | Complete   |            | Low          |
| 16 July to 18 Aug<br>2012                                       | Breach of ELV  | Licenced discharge point<br>(D2)                | 1. Minor                          | Air      | Operational cont  | trols                 | Normal activities            | EPA           | Recurring  | Wood chipping<br>moved indoors.<br>PVC curtains<br>installed |                            | Complete   |            | Low          |
|   | SELECT   | SELECT  | SELECT                            | SELECT   | SELECT            |                       | SELECT                       | SELECT        | SELECT     |  |                            | SELECT     |            | SELECT       |
| Total number of<br>incidents current<br>year<br>Total number of | SELECT 3   | SELECT  | SELECT                            | SELECT   | SELECT            |                       | SELECT                       | SELECT        | SELECT     |  |                            | SELECT     |            | SELECT       |
| incidents<br>previous year<br>% reduction/<br>increase          | 5<br>40% reduction   |   |                                   |          |                   |                       |                              |               |            |  |                            |            |            |              |

AER 2012

#### 3.11. Waste

| WASTE SUMMAR  | RY  |                               |   | Lic No:  | W0227-01  |  | Year 2012   |   |  |   |            |
|---|---|-------------------------------|---|--|---|--|---|---|--|---|------------|
| <b>SECTION A-PRTR</b>   | <b>ON SITE WASTE TREATME</b>  | ENT AND WASTE TRAN            | SFERS TAB- TO BE (  | L IPPC AND WASTE FACILITIE   | PRTR facility lo  | <u>gon</u>   | dropdown lis  | t click to see options  |  |   |            |
|   |   |                               |   |  |   |  |   |   |  |   |            |
|   |   |                               |   |  |   |  |   |   |  |   |            |
|   |   |                               |   |  |   |  |   |   |  |   |            |
| CECTION D. MAG  |   |                               |   |  |   |  |   |   |  |   |            |
| SECTION B- WAS  | TE ACCEPTED UNTO SITE-  | IO BE COMPLETED BY A          | ALL IPPC AND WAS  |  |   |  | Additional Informa  | tion  |  |   |            |
|   |   |                               |   |  |   |  |   |   |  |   |            |
| Were any wastes acce  | epted onto your site for recovery   | or disposal or treatment prio | r to recovery or disposal   | within the boundaries  | of your facility ?; (waste generated                              | No   |   |   |  |   |            |
| If you ploase enter de  | tails in table 1 below  | (reporting)                   |   |  |   | INU  |   |   |  |   |            |
| ii yes please enter de  |   |                               |   |  |   |  |   |   |  |   |            |
| Did your site have any  | rejected consignments of waste  | in the current reporting year | r? If yes please give a bri   | ef explanation in the a  | dditional information   | No   |   |   |  |   |            |
|   |   |                               |   |  |   |  |   |   |  |   |            |
| Was waste acce  | pted onto your site that was gene   | erated outside the Republic c | of Ireland? If yes please s   | tate the quantity in to  | nnes in additional information                                    | No   |   |   |  |   |            |
| Table 1 Details   | of waste accepted onto  | your site for recove          | ry, disposal or tre   | atment (do not i   | include wastes generated  | at your site   | , as these will   | have been repor   | ted in your PRTR wor   | kbook)  |            |
| Licenced annual<br>tonnage limit for<br>your site (total<br>tonnes/annum) | EWC code  | Source of waste accepted      | Description of waste<br>accepted<br>Please enter an<br>accurate and detailed<br>description - which | Quantity of waste<br>accepted in current<br>reporting year<br>(tonnes) | Quantity of waste accepted in<br>previous reporting year (tonnes) | Reduction/Inc<br>rease over<br>previous year<br>+/ - % | Reason for<br>reduction/increase<br>from previous<br>reporting year | Packaging Content<br>(%)- only applies if<br>the waste has a<br>packaging component | Disposal/Recovery or<br>treatment operation carried<br>out at your site and the<br>description of this operation | Quantity of<br>waste<br>remaining on<br>site at the end<br>of reporting | Comments - |
|   | European Waste Catalogue  |                               | European Waste  |  |   |  |   |   |  | year (tonnes)   |            |
|   | <u>ewc codes</u>  |                               | Catalogue EWC codes   |  |   |  |   |   |  |   |            |
|   |   |                               |   |  |   |  |   |   |  |   |            |
|   |   |                               |   |  |   |  |   |   |  | <sup> </sup>  |            |
|   |   |                               |   |  |   |  |   |   |  |   |            |
|   |   |                               |   |  |   |  |   |   |  | ļ!  |            |
|   |   |                               |   |  |   |  |   |   |  |   |            |
| SECTION C-TO BE   | COMPLETED BY ALL WAS  | TE FACILITIES (waste tr       | ransfer stations. Co  | mposters, Materi   | al recovery facilities etc) EX                                    | CEPT LANDFI  | LL SITES  |   |  |   |            |
|   |   |                               |   |  |   |  |   |   |  |   |            |
|   |   |                               |   |  |   |  |   |   |  |   |            |
| Is all waste processing   | g infrastructure as required by yo  | ur licence and approved by th | ne Agency in place? If no   | please list waste proce  | essing infrastructure required                                    | Voc  |   |   |  |   |            |
| Unsite  |   |                               |   |  |   | N/A  |   |   |  |   |            |
|   |   |                               |   |  |   |  |   |   |  |   |            |
| Is all waste storage inf  | ; 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 |                               |   |  |   |  |   |   |  |   |            |
| Does your facility have relevant nuisance controls in place?              |   |                               |   |  |   |  |   | 1   |  |   |            |
| Do you have an odour  | management system in place fo   | r your facility? If no why?   |   |  |   | Yes  |   |   |  |   |            |
| Do you maintain a slue  | dge register on site?   |                               |   |  |   | N/A  |   |   |  | J   |            |

| SECTION D-TO BE  | E COMPLETED BY LANDFI                                   | LL SITES ONLY   |   |   |  |   |   |   |   |   |   |              |                           |
|--|---|---|---|---|--|---|---|---|---|---|---|--------------|---------------------------|
| Table 2 Waste tv   | ne and tonnage-landfill o                               | nly   |   |   |  |   |   |   |   |   |   |              |                           |
| Table 2 Waste Ly   |   |   |   |   |  |   |   |   |   |   |   |              |                           |
| Waste types permitted<br>for disposal  | Authorised/licenced annual<br>intake for disposal (tpa) | Actual intake for disposal in<br>reporting year (tpa) | Remaining licensed<br>capacity at end of<br>reporting year (m3) | Comments                                      |  |   |   |   |   |   |   |              |                           |
|  |   |   |   |   |  |   |   |   |   |   |   |              |                           |
|  |   |   |   |   |  |   |   |   |   |   |   |              |                           |
|  |   |   |   |   |  |   |   |   |   |   |   |              |                           |
|  |   |   |   |   |  |   |   |   |   |   |   |              |                           |
| Table 2 Conoral i  | nformation Landfill only                                |   |   |   |  |   |   |   |   |   |   |              |                           |
| Table 5 General  |   |   |   |   |  |   |   |   |   |   |   |              |                           |
| Area ID  | Date landfilling commenced                              | Date landfilling ceased                               | Currently landfilling   | Private or Public<br>Operated                 | Inert or non-hazardous                 | Predicted date<br>to cease<br>landfilling | Licence permits<br>asbestos                         | Is there a separate cell<br>for asbestos? | Accepted asbes tos in reporting<br>year | Total disposal<br>area occupied by<br>waste | Lined disposal<br>area occupied by<br>waste | Unlined area | Comments on<br>liner type |
|  |   |   |   |   |  |   |   |   |   | SELECT UNIT                                 | SELECT UNIT                                 | SELECT UNIT  |                           |
| Cell 8   |   |   |   |   |  |   |   |   |   |   |   |              |                           |
|  |   |   |   |   |  |   |   |   |   |   |   |              |                           |
| Table 4 Environm   | nental monitoring-landfil                               | Landfill Manual-Monitoring S                          | tandards  |   |  |   |   |   |   |   |   |              |                           |
| Was meterological<br>monitoring in<br>compliance with<br>Landfill Directive (LD) | Was leachate monitored in                               | Was Landfill Gas monitored in                         | Was SW monitored in<br>compliance with LD                       |   |  | Was<br>topography of<br>the site          | Has the statement<br>under S53(A)(5) of<br>WMA been |   |   |   |   |              |                           |
| standard in reporting  | compliance with LD standard in                          | compliance with LD standard in                        | standard in reporting   | Have GW trigger levels                        | Were emission limit values agreed with | surveyed in                               | submitted in  |   |   |   |   |              |                           |
| year +   | reporting year  | reporting year  | year  | been established                              | the Agency (ELVs)                      | reporting year                            | reporting year                                      | Comments                                  |   |   |   |              |                           |
|  |   |   |   |   |  |   |   |   |   |   |   |              |                           |
| .+ please refer to Land  | dfill Manual linked above for rel                       | evant Landfill Directive monito                       | oring standards   |   |  |   |   |   |   |   |   |              |                           |
| Table 5 Capping-   | Landfill only   |   |   |   |  |   |   |   |   |   |   |              |                           |
| Area uncapped*   | Area with temporary cap                                 | Area with final can to LD                             |   | Area with waste that<br>should be permanently |  |   |   |   |   |   |   |              |                           |
| SELECT UNIT  | SELECT UNIT   | Standard m2 ha, a                                     | Area capped other   | licence                                       | What materials are used in the cap     | Comments                                  |   |   |   |   |   |              |                           |
|  |   |   | ••  |   |  |   |   |   |   |   |   |              |                           |
| *please note this incl   | udes daily cover area                                   |   |   |   |  |   |   |   |   |   |   |              |                           |
| Table 6 Leachate   | -Landfill only  |   |   |   |  |   |   |   |   |   |   |              |                           |
| Is leachate from your  | site treated in a Waste Water Tr                        | eatment Plant?  |   |   |  | SELECT                                    |   |   |   |   |   |              |                           |
| Is leachate released t   | o surface water? If yes please of                       | omplete leachate mass load in                         | formation below   |   |  | SELECT                                    |   |   |   |   |   |              |                           |
|  |   |   |   |   |  |   |   |   |   |   |   |              |                           |
| Volume of leachate in<br>reporting year(m3)                                      | Leachate (BOD) mass load<br>(kg/annum)                  | Leachate (COD) mass load<br>(kg/annum)                | Leachate (NH4) mass<br>load (kg/annum)                          | Leachate (Chloride)<br>mass load kg/annum     | Leachate treatment on-site             | Specify type of<br>leachate<br>treatment  | Comments  |   |   |   |   |              |                           |
|  |   |   |   |   | 1                                      | ļ   |   | J   |   |   |   |              |                           |
| Disease  | nouro that all information recei                        | tod in the landfill are continue                      | is consistant with the Le                                       | ndfill Coc Suprov submi                       | itted in conjunction with DPTP return  |   |   |   |   |   |   |              |                           |
| Please e   | insure that an information repoi                        | red in the landfill gas section                       | is consistent with the La                                       | numi Gas Survey submi                         | i conjunction with PKTK return         | 15  |   |   |   |   |   |              |                           |
| Table / Landfill G   | as-Landfill only  |   |   |   |  |   |   |   |   |   |   |              |                           |
|  |   |   | Was surface emissions   |   |  |   |   |   |   |   |   |              |                           |
| Gas Captured&Treated<br>by LFG System m3   | Power generated (MW / KWh)                              | Used on-site or to national grid                      | monitoring performed<br>during the reporting<br>year?           | Comments                                      |  |   |   |   |   |   |   |              |                           |

#### 3.12. PRTR Return 2012 Data



| PRTR# : W0227 | Facility Name : Law lor Brothers Waste Disposal Ltd t/a Access Skip Hire | Filename : W0227\_2012.xls | Return Year : 2012 |

Guidance to completing the PRTR workbook

# AER Returns Workbook

REFERENCE YEAR 2012

| 1. FACILITY IDENTIFICATION |   |
|----------------------------|---|
| Parent Company Name        | Lawlor Brothers Waste Disposal Ltd t/a Access Skip Hire |
| Facility Name              | Lawlor Brothers Waste Disposal Ltd t/a Access Skip Hire |
| PRTR Identification Number | W0227   |
| Licence Number             | W0227-01  |

| Waste or IPPC Classes of Activity       |  |
|---|--|
| N 🔻                                     | class_name   |
|   | Recycling or reclamation of organic substances which are not used as       |
|   | solvents (including composting and other biological transformation         |
| 4.2                                     | processes).  |
|   | Blending or mixture prior to submission to any activity referred to in a   |
| 3.11                                    | preceding paragraph of this Schedule.                                      |
|   | Repackaging prior to submission to any activity referred to in a           |
| 3.12                                    | preceding paragraph of this Schedule.                                      |
|   | proceeding paragraphic to the construction                                 |
|   | Storage prior to submission to any activity referred to in a preceding     |
|   | paragraph of this Schedule, other than temporary storage, pending          |
| 3 13                                    | collection on the premises where the waste concerned is produced           |
| 0.10                                    | collection, on the plennses where the waste concerned is produced.         |
|   | Storage of weets intended for submission to any activity referred to in    |
|   | Storage of waste interfuence for submission to any activity referred to in |
| 4.42                                    | a preceding paragraph of this Schedule, other than temporary storage,      |
| 4.13                                    | pending collection, on the premises where such wasters produced.           |
| 4.3                                     | Recycling or reclamation of metals and metal compounds.                    |
| 4.4                                     | Recycling or reclamation of other inorganic materials.                     |
| Address 1                               | Unit 28  |
| Address 2                               | John F Kennedy Road  |
| Address 3                               | JFK Industrial Estate, Naas Road   |
| Address 4                               | Dublin 12  |
|   |  |
|   | Dublin   |
| Country                                 | Ireland  |
| Coordinates of Location                 | -6.35672 53.3273   |
| River Basin District                    | IEEA   |
| NACE Code                               | 3832   |
| Main Economic Activity                  | Recovery of sorted materials   |
| AER Returns Contact Name                | Kevin O'Reilly   |
| AER Returns Contact Email Address       | environmental@accesswaste.ie   |
| AER Returns Contact Position            | environmental officer  |
| AER Returns Contact Telephone Number    | 01 4277709   |
| AER Returns Contact Mobile Phone Number | na   |
| AER Returns Contact Fax Number          | 01 4500835   |
| Production Volume                       | 0.0  |
| Production Volume Units                 | 0  |
| Number of Installations                 | 1  |
| Number of Operating Hours in Year       | 2000   |
| Number of Employees                     | 38   |
| User Feedback/Comments                  | 0  |
| Web Address                             | www.accesswaste.ie   |

#### 2. PRTR CLASS ACTIVITIES

| Activity Number                                    | Activity Name   |
|--|---|
| 50.1   | General   |
| 5(c)   | Installations for the disposal of non-hazardous waste |
| 50.1   | General   |
| 3. SOLVENTS REGULATIONS (S.I. No. 543 of           | 2002)   |
| Is it applicable                                   | ? No  |
| Have you been granted an exemption '               | ?   |
|  |   |
| It applicable which activity class applies (as per |   |
| Schedule 2 of the regulations)                     | ?   |
| Is the reduction scheme compliance route being     |   |
| used '   | ?   |
|  |   |
| 4. WASTE IMPORTED/ACCEPTED ONTO SITE               | Guidance on waste imported/accepted onto site         |
|  |   |

Do you import/accept waste onto your site for onsite treatment (either recovery or disposal activities) ? No

AER 2012

#### 4.1 RELEASES TO AIR Link to previous years emissions data | PRTR# : W0227 | Facility Name : Law lor Brothe

| PRTR# : W0227 | Facility Name : Law lor Brothers Waste Disposal Ltd t/a Access Skip Hire | Filename : W0227\_2012.xls | Return Year : 2012 |

26/03/2013 12:01

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

|              | RELEASES TO AIR |       |             |                            | Please enter all quantitie | s in this section in K | (Gs                   |                         |
|--------------|-----------------|-------|-------------|----------------------------|----------------------------|------------------------|-----------------------|-------------------------|
| PO           |                 | М     | ETHOD       | ADD EMISSION POINT         | QUANTITY                   |                        |                       |                         |
|              |                 |       |             | Method Used                |                            |                        |                       |                         |
| No. Annex II | Name            | M/C/E | Method Code | Designation or Description | Emission Point 1           | T (Total) KG/Year      | A (Accidental) KG/Yea | ar F (Fugitive) KG/Year |
|              |                 |       |             |                            | 0.0                        | )                      | 0.0 (                 | 0.0                     |

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

#### **SECTION B : REMAINING PRTR POLLUTANTS**

|              | RELEASES TO AIR | Please enter all quantities in this section in KGs |             |                            |                    |                   |                        |                      |
|--------------|-----------------|--|-------------|----------------------------|--------------------|-------------------|------------------------|----------------------|
| PO           | LLUTANT         | METHOD   |             |                            | ADD EMISSION POINT | IT QUANTITY       |                        |                      |
|              |                 |  | Ν           | Method Used                |                    |                   |                        |                      |
| No. Annex II | Name            | M/C/E  | Method Code | Designation or Description | Emission Point 1   | T (Total) KG/Year | A (Accidental) KG/Year | F (Fugitive) KG/Year |
|              |                 |  |             |                            | 0.0                | ) (               | 0.0 0.0                | 0.0                  |
|              |                 | <b>D</b> ) (1                                      |             |                            |                    |                   |                        |                      |

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

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

|                          | Please enter all quantities in this section in KGs             |             |                         |                            |                  |                   |                   |       |                      |
|--------------------------|--|-------------|-------------------------|----------------------------|------------------|-------------------|-------------------|-------|----------------------|
| P                        | METHOD   |             |                         | ADD EMISSION POINT         | JT QUANTITY      |                   |                   |       |                      |
|                          |  |             | Ме                      | thod Used                  |                  |                   |                   |       |                      |
| Pollutant No. Name       |  | M/C/E       | Method Code             | Designation or Description | Emission Point 1 | T (Total) KG/Year | A (Accidental) KC | /Year | F (Fugitive) KG/Year |
|                          |  |             |                         |                            | 0.0              | 0                 | .0                | 0.0   | 0.0                  |
| ADD NEW ROW DELETE ROW * | * Select a row by double-clicking on the Pollutant Name (Colum | n B) then c | click the delete button |                            |                  |                   |                   |       |                      |

#### Additional Data Requested from Landfill operators

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

| Landfill:                                  | Lawlor Brothers Waste Disposal Ltd t/a Access Skip Hire |       |             |                |                         |                            |
|--|---|-------|-------------|----------------|-------------------------|----------------------------|
| Please enter summary data on the           |   |       |             |                |                         |                            |
| quantities of methane flared and / or      |   |       |             |                |                         |                            |
| utilised                                   |   |       | Meth        | nod Used       |                         |                            |
|  |   |       |             | Designation or | Facility Total Capacity |                            |
|  | T (Total) kg/Year                                       | M/C/E | Method Code | Description    | m3 per hour             |                            |
| Total estimated methane generation (as per |   |       |             |                |                         |                            |
| site model)                                | 0.0   |       |             |                | N/A                     |                            |
| Methane flared                             | 0.0   |       |             |                | 0.0                     | (Total Flaring Capacity)   |
| Methane utilised in engine/s               | 0.0   |       |             |                | 0.0                     | (Total Utilising Capacity) |
| Net methane emission (as reported in       |   |       |             |                |                         |                            |
| Section A above)                           | 0.0   |       |             |                | N/A                     |                            |

| 4.2 RELEASES TO WATERS   | Link to previous years emissions data                          | PRTR#            | : W0227   Facility Nam     | e : Law lor Brothers Waste Disposa                 | al Ltd t/a Access Skip Hire   Filena | me : W0227_2012.xls   Ret  | urn Year : 2012   26                     | ;/03/2013 12:01 |  |  |  |  |
|--|--|------------------|----------------------------|--|--------------------------------------|----------------------------|--|-----------------|--|--|--|--|
| SECTION A : SECTOR SPECIFIC PRTR PC  | DLLUTANTS  | Data or          | n ambient monitorin        | g of storm/surface water or gr                     | oundwater, conducted as par          | t of your licence require  | ements, should NOT be submitted unc      | ler AER/PRTR    |  |  |  |  |
|  | RELEASES TO WATERS   |                  |                            |  | Please enter all quantitie           | es in this section in k    | (Gs                                      |                 |  |  |  |  |
| P  | OLLUTANT   |                  |                            |  | ADD EMISSION POINT                   |                            | QUANTITY                                 |                 |  |  |  |  |
| No. Annex II   | Name   | M/C/E            | Method Code                | Method Used<br>Designation or Description          | Emission Point 1                     | T (Total) KG/Year          | A (Accidental) KG/Year F (Fugiti         | ve) KG/Year     |  |  |  |  |
|  | *  |                  | •                          |  | 0.0                                  | 0.                         | 0 0.0                                    | 0.0             |  |  |  |  |
| ADD NEW ROW DELETE ROW *   | * Select a row by double-clicking on the Pollutant Name (      | Column B) ther   | n click the delete buttor  | 1  |                                      |                            |  |                 |  |  |  |  |
| SECTION B : REMAINING PRTR POLLUTA   | NTS  |                  |                            |  |                                      |                            |  |                 |  |  |  |  |
|  | RELEASES TO WATERS   |                  |                            | Please enter all quantities in this section in KGs |                                      |                            |  |                 |  |  |  |  |
| P(   | OLLUTANT   |                  |                            |  | ADD EMISSION POINT                   |                            | QUANTITY                                 |                 |  |  |  |  |
|  |  |                  |                            | Method Used  |                                      |                            | 1  |                 |  |  |  |  |
| No. Annex II   | Name   | M/C/E            | Method Code                | Designation or Description                         | Emission Point 1                     | T (Total) KG/Year          | A (Accidental) KG/Year F (Fugiti         | ve) KG/Year     |  |  |  |  |
|  |  |                  |                            |  | 0.0                                  | 0.                         | 0 0.0                                    | 0.0             |  |  |  |  |
| ADD NEW ROW   DELETE ROW *   | * Select a row by double-clicking on the Pollutant Name (      | Column B) ther   | n click the delete buttor  | 1  |                                      |                            |  |                 |  |  |  |  |
| ECTION C - DEMANNING DOLL LITANT ENISCIONS (as required in view Lisense)                   |  |                  |                            |  |                                      |                            |  |                 |  |  |  |  |
| SECTION C : REMAINING POLLUTANT EMISSIONS (as required in your Licence) RELEASES TO WATERS |  |                  |                            |  |                                      |                            |  |                 |  |  |  |  |
| P(   | RELEASES TO WATERS   |                  |                            |  |                                      |                            |  |                 |  |  |  |  |
|  |  |                  |                            | Method Used  | ADD EIVISSION POINT                  | •                          |  |                 |  |  |  |  |
| Pollutant No   | Name   | M/C/F            | Method Code                | Designation or Description                         | Emission Point 1                     | T (Total) KG/Year          | A (Accidental) KG/Year E (Eugiti         | ve) KG/Year     |  |  |  |  |
| T ondern the   | Rano   | IVI, 0, L        | mothed bode                | Designation of Description                         | 0.0                                  | $\frac{1}{0}$              | 0 0.0                                    | 0.0             |  |  |  |  |
| ADD NEW ROW DELETE ROW *   | * Select a row by double-clicking on the Pollutant Name (      | Column B) ther   | n click the delete buttor  | 1  |                                      |                            |  |                 |  |  |  |  |
|  | , , , , , , , , , , , , , , , , , , ,                          | ,                |                            |  |                                      |                            |  |                 |  |  |  |  |
| 4.3 RELEASES TO WASTEWATER OR SEWI   | ER   | Link to prev     | <u>ious years emissior</u> | ns data  | PRTR# : W0227   Facility Name :      | Law lor Brothers Waste Dis | posal Ltd t/a Access Skip Hire   Fil 26/ | 03/2013 12:01   |  |  |  |  |
| SECTION A - BETE DOLLUTANTS  |  |                  |                            |  |                                      |                            |  |                 |  |  |  |  |
| OFFSITE TRANS  | EER OF POLITITANTS DESTINED FOR WASTEN                         | VATER TRE        | ATMENT OR SEW              | -R   | Please enter all quantitie           | s in this section in KG    |  |                 |  |  |  |  |
| POL  | LUTANT   |                  | MET OR CEWE                | HOD  |                                      | Sin this section in rec    | QUANTITY                                 |                 |  |  |  |  |
|  |  |                  |                            | Aethod Used  |                                      |                            |  |                 |  |  |  |  |
| No. Annex II   | Name   | M/C/E            | Method Code                | Designation or Description                         | Emission Point 1                     | T (Total) KG/Year          | A (Accidental) KG/Year F (Fugitiv        | e) KG/Year      |  |  |  |  |
|  |  |                  |                            |  | 0.0                                  | (                          | 0.0 0.0                                  | 0.0             |  |  |  |  |
| ADD NEW ROW DELETE ROW *   | * Select a row by double-clicking on the Pollutant Name (Colum | nn B) then click | the delete button          |  |                                      |                            |  |                 |  |  |  |  |
| SECTION B · REMAINING POLILITANT EMIS  | SIONS (as required in your Licence)                            |                  |                            |  |                                      |                            |  |                 |  |  |  |  |
| OFFSITE TRANS  | EER OF POLLUTANTS DESTINED FOR WASTEN                          | VATER TRE        | ATMENT OR SEW              | R  | Please enter all quantitie           | s in this section in KG    | s  |                 |  |  |  |  |
| POL  | LUTANT   |                  | MET                        | HOD  | ADD EMISSION POINT                   |                            | QUANTITY                                 |                 |  |  |  |  |
|  | FOLLOTANI  |                  |                            | Nethod Used  |                                      | •                          |  |                 |  |  |  |  |
| Pollutant No.  | Name   | M/C/E            | Method Code                | Designation or Description                         | Emission Point 1                     | T (Total) KG/Year          | A (Accidental) KG/Year F (Fugitiv        | e) KG/Year      |  |  |  |  |
|  |  |                  |                            |  | 0.0                                  | (                          | 0.0 0.0                                  | 0.0             |  |  |  |  |
|  |  |                  |                            |  |                                      |                            |  |                 |  |  |  |  |
| ADD NEW ROW DELETE ROW *   | * Select a row by double-clicking on the Pollutant Name (Colum | nn B) then click | the delete button          |  |                                      |                            |  |                 |  |  |  |  |
| ADD NEW ROW DELETE ROW *   | * Select a row by double-clicking on the Pollutant Name (Colum | nn B) then click | the delete button          |  |                                      |                            |  |                 |  |  |  |  |
| ADD NEW ROW DELETE ROW *   | * Select a row by double-clicking on the Pollutant Name (Colur | nn B) then click | the delete button          |  |                                      |                            |  |                 |  |  |  |  |
| ADD NEW ROW DELETE ROW *   | * Select a row by double-clicking on the Pollutant Name (Colur | nn B) then click | the delete button          |  |                                      |                            |  |                 |  |  |  |  |
| ADD NEW ROW DELETE ROW *   | * Select a row by double-clicking on the Pollutant Name (Colur | nn B) then click | the delete button          |  |                                      |                            |  |                 |  |  |  |  |

AER 2012

#### 4.4 RELEASES TO LAND Link to previous years emissions data

| PRTR# : W0227 | Facility Name : Law lor Brothers Waste Disposal Ltd t/a Access Skip Hire | Filename : W0227\_2012.xls | Return Year : 2011 26/03/2013 12:01

SECTION A : PRTR POLLUTANTS

|              |              | RELEASES TO LAND   | Please enter all quantities in this section in KGs |  |          |                    |                   |                        |
|--------------|--------------|--|--|--|----------|--------------------|-------------------|------------------------|
| POLLUTANT    |              |  |  | METHO                                  | D        | ADD EMISSION POINT | QUANTITY          |                        |
|              |              |  |  | Met                                    | hod Used |                    |                   |                        |
| No. Annex II |              | Name   | M/C/E  | Method Code Designation or Description |          | Emission Point 1   | T (Total) KG/Year | A (Accidental) KG/Year |
|              |              |  |  |  |          | 0.0                | 0.                | 0.0                    |
| ADD NEW ROW  | DELETE ROW * | * Select a row by double-clicking on the Pollutant Name (Colum | n B) then clic                                     | k the delete button                    |          |                    |                   |                        |

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

|               | RELEASES TO LAND |       |             |                            | Please enter all quantities in this section in KGs |                   |                        |  |
|---------------|------------------|-------|-------------|----------------------------|--|-------------------|------------------------|--|
| POLLUTANT     |                  |       | METHO       | D                          | ADD EMISSION POINT                                 | QUANTITY          |                        |  |
|               |                  |       | Method Used |                            |  |                   |                        |  |
| Pollutant No. | Name             | M/C/E | Method Code | Designation or Description | Emission Point 1                                   | T (Total) KG/Year | A (Accidental) KG/Year |  |
|               |                  |       |             |                            | 0.0  | 0.                | 0 0.0                  |  |

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

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE | PRTR#: W0227 | Facility Name : Law lor Brothers Waste Disposal Ltd t/a Access Skip Hire | Filename : W0227\_2012.xts | Return Year : 2012 |

26/03/2013 12:01

|                      |                |           | Please enter | all quantities on this sheet in Tonnes                 |              |       |             |                     |                            |                                   |                                  | 0                                 |
|----------------------|----------------|-----------|--------------|--|--------------|-------|-------------|---------------------|----------------------------|-----------------------------------|----------------------------------|-----------------------------------|
|                      |                |           |              |  |              |       |             |                     | Haz Waste : Name and       |                                   |                                  |                                   |
|                      |                |           |              |  |              |       |             |                     | Licence/Permit No of Next  |                                   |                                  |                                   |
|                      |                |           | Quantitu     |  |              |       |             |                     | Destination Facility       | Haz Waste : Address of Next       | Name and License / Permit No.    | Actual Address of Final           |
|                      |                |           | Quantity     |  |              |       |             |                     | Non Haz Waste: Name and    | Destination Facility              | and Address of Final Recoverer / | Destination i.e. Final Recovery / |
|                      |                |           | (Ionnes per  |  |              |       |             |                     | Licence/Permit No of       | Non Haz Waste: Address of         | Disposer (HAZARDOUS WASTE        | Disposal Site (HAZARDOUS          |
|                      |                |           | Year)        |  |              |       | Method Used |                     | Recover/Disposer           | Recover/Disposer                  | ONLY)                            | WASTE ONLY)                       |
|                      |                |           |              |  | Waste        |       |             |                     |                            |                                   |                                  |                                   |
|                      | European Waste |           |              |  | Treatment    |       |             | Location of         |                            |                                   |                                  |                                   |
| Transfer Destination | Code           | Hazardous |              | Description of Waste                                   | Operation    | M/C/E | Method Used | Treatment           |                            |                                   |                                  |                                   |
|                      |                |           |              |  |              |       |             |                     | Crumbrubber Ltd WEP-LH-    | Mooretown Dromiskin Dund          | -                                |                                   |
| Within the Country   | 16.01.03       | No        | 20.06        | end-of-life tyres                                      | R12          | М     | Weighed     | Offsite in Ireland  | 10-0005-01                 | alk Co. Louth Ireland             |                                  |                                   |
| Within the obuility  | 10 01 00       | 110       | 20.00        |  | 1112         |       | Wolghou     | Choice in holding   | 10 0000 01                 | Groophills                        |                                  |                                   |
|                      |                |           |              | and the second second states and the second states and |              |       |             |                     |                            | Deed Tallackt Dablis 04 lasts     |                                  |                                   |
|                      |                |           |              | gases in pressure containers other than                | <b>B</b> / A |       |             |                     |                            | Road, railaght, Dubiin, 24, Ireia |                                  |                                   |
| Within the Country   | 16 05 05       | NO        | 3.66         | those mentioned in 16 05 04                            | R13          | M     | weighed     | Offsite in Ireland  | Calor Gas c/o Eurohaul,n/a | nd                                |                                  |                                   |
|                      |                |           |              |  |              |       |             |                     |                            | Killeen                           |                                  |                                   |
|                      |                |           |              |  |              |       |             |                     | Thorntons Recycling        | Road, Ballyfermot, Dublin, 10, I  |                                  |                                   |
| Within the Country   | 17 02 01       | No        | 61.94        | wood   | R11          | М     | Weighed     | Offsite in Ireland  | Centre, W0044-02           | reland                            |                                  |                                   |
|                      |                |           |              |  |              |       |             |                     | Hammond Lane Metal         | Pigeon House                      |                                  |                                   |
|                      |                |           |              |  |              |       |             |                     | Company Ltd WEP-DC-09-     | road Ringsend Dublin              |                                  |                                   |
| Within the Country   | 17 04 02       | No        | 1.86         | aluminium  | R4           | м     | Weighed     | Offsite in Ireland  | 0013-01                    | 4 Ireland                         |                                  |                                   |
| Within the obuility  | 11 04 02       | 110       | 1.00         |  | 144          |       | Wolghou     | Choice in heidha    | 0010 01                    | 4,110,0110                        | Bilto Environmentel              |                                   |
|                      |                |           |              |  |              |       |             |                     |                            |                                   |                                  |                                   |
|                      |                |           |              |  |              |       |             |                     |                            |                                   | Ltd., W0192-02, Block            |                                   |
|                      |                |           |              |  |              |       |             |                     |                            | Block 402 Grant's                 | 402, Grant's Drive               | Block 402, Grant's Drive          |
|                      |                |           |              |  |              |       |             |                     |                            | Drive, Greenogue Business         | Greenogue Business               | Greenogue Business                |
|                      |                |           |              | construction materials containing                      |              |       |             |                     | Rilta Environmental        | Park,Rathcoole,Co.                | Park,Rathcoole,Co. Dublin        | Park, Rathcoole, Co. Dublin       |
| Within the Country   | 17 06 05       | Yes       | 1.28         | asbestos (18)  | D15          | М     | Weighed     | Offsite in Ireland  | Ltd.,W0192-02              | Dublin, Ireland                   | ,Ireland                         | ,Ireland                          |
|                      |                |           |              | mixed construction and demolition wastes               |              |       |             |                     |                            | Killeen                           |                                  |                                   |
|                      |                |           |              | other than those mentioned in 17 09 01                 |              |       |             |                     | Thorntons Recycling        | Road Ballyfermot Dublin 10 I      |                                  |                                   |
| Within the Country   | 17 09 04       | No        | 46.1         | 17 09 02 and 17 09 03                                  | R12          | м     | Weighed     | Offsite in Ireland  | Centre W/0044-02           | reland                            |                                  |                                   |
| within the country   | 17 03 04       | INO.      | 40.1         | 17 03 02 and 17 03 03                                  | 1112         | 141   | weighed     | Olisite in lieland  | Centre, W0044-02           | Killoon                           |                                  |                                   |
|                      |                |           |              |  |              |       |             |                     |                            | Killeen                           |                                  |                                   |
|                      |                |           |              | sludges from on-site effluent treatment                |              |       |             |                     | Inorntons Recycling        | Road, Ballyfermot, Dublin, 10, I  |                                  |                                   |
| Within the Country   | 19 11 06       | No        | 17.4         | other than those mentioned in 19 11 05                 | D9           | М     | Weighed     | Offsite in Ireland  | Centre, W0044-02           | reland                            |                                  |                                   |
|                      |                |           |              |  |              |       |             |                     | Hammond Lane Metal         | Pigeon House                      |                                  |                                   |
|                      |                |           |              |  |              |       |             |                     | Company Ltd.,WFP-DC-09-    | road,.,Ringsend,Dublin            |                                  |                                   |
| Within the Country   | 19 12 02       | No        | 161.14       | ferrous metal  | R4           | М     | Weighed     | Offsite in Ireland  | 0013-01                    | 4, Ireland                        |                                  |                                   |
|                      |                |           |              |  |              |       |             |                     |                            | Killeen                           |                                  |                                   |
|                      |                |           |              |  |              |       |             |                     | Thorntons Recycling        | Road, Ballyfermot, Dublin, 10, I  |                                  |                                   |
| Within the Country   | 19 12 02       | No        | 33.32        | ferrous metal  | R4           | М     | Weighed     | Offsite in Ireland  | Centre W0044-02            | reland                            |                                  |                                   |
| Within the obuility  | 10 12 02       | 110       | 00.02        |  | 144          |       | Wolghou     | Choice in holding   | National Motal Recycling   | loland                            |                                  |                                   |
|                      |                |           |              |  |              |       |             |                     |                            | Chatian                           |                                  |                                   |
|                      |                |           |              |  |              |       |             |                     | Ltd. I/A National          | Station                           |                                  |                                   |
|                      |                |           |              |  |              |       |             |                     | Recycling, WFP-DS-10-      | Road, Ciondaikin, Dublin          |                                  |                                   |
| Within the Country   | 19 12 03       | No        | 22.32        | non-ferrous metal                                      | R4           | М     | Weighed     | Offsite in Ireland  | 0005-01                    | ,22,Ireland                       |                                  |                                   |
|                      |                |           |              |  |              |       |             |                     | Hammond Lane Metal         | Pigeon House                      |                                  |                                   |
|                      |                |           |              |  |              |       |             |                     | Company Ltd.,WFP-DC-09-    | road,.,Ringsend,Dublin            |                                  |                                   |
| Within the Country   | 19 12 03       | No        | 6.34         | Aluminium  | R4           | М     | Weighed     | Offsite in Ireland  | 0013-01                    | 4, Ireland                        |                                  |                                   |
|                      |                |           |              |  |              |       | Ŭ           |                     | National Metal Recycling   |                                   |                                  |                                   |
|                      |                |           |              |  |              |       |             |                     | Ltd. T/A National          | Station                           |                                  |                                   |
|                      |                |           |              |  |              |       |             |                     | Recycling WEP-DS-10        | Road Clondalkin Dublin            |                                  |                                   |
| Within the Courts    | 10 12 02       | No        | 10.4         | Aluminium  | D4           | N.4   | Woighod     | Officito in Iroland | 0005 01                    | 22 Iroland                        |                                  |                                   |
| within the Country   | 19 12 03       | INO       | 12.4         | Auminium   | R4           | IVI   | weigned     | Onsite in reland    | Lemmand Lana Match         |                                   |                                  |                                   |
|                      |                |           |              |  |              |       |             |                     | Harnmond Lane Metal        | Pigeon House                      |                                  |                                   |
|                      |                |           |              |  |              |       |             |                     | Company Ltd.,WFP-DC-09-    | road,.,Ringsend,Dublin            |                                  |                                   |
| Within the Country   | 19 12 03       | No        | 1.26         | metal cables   | R4           | М     | Weighed     | Offsite in Ireland  | 0013-01                    | 4, Ireland                        |                                  |                                   |

|   |                        |          |     |   |       |     |            |                       |                               | Clermont Business                |   |
|---|------------------------|----------|-----|---|-------|-----|------------|-----------------------|-------------------------------|----------------------------------|---|
|   | lithin the Orienter    |          | Ne  |   | Dia   |     | Mariah and | Offective in Inclosed |                               | Park,.,Haggardstown,Dundal       |   |
| ` | vitnin the Country     | 19114    | INO | 3.58 plastic and rubber                           | RIZ   | IVI | vveigned   | Unsite in Ireland     | Lenviron Ltd., WP 2008/06     | K,Ireland<br>Killeen             |   |
|   |                        |          |     |   |       |     |            |                       | Thorntons Recycling           | Road.Ballyfermot.Dublin.10.1     |   |
| ١ | Vithin the Country     | 19 12 07 | No  | 658.14 wood other than that mentioned in 19 12 06 | R11   | М   | Weighed    | Offsite in Ireland    | Centre,W0044-02               | reland                           |   |
|   |                        |          |     |   |       |     |            |                       | Eirebloc Ltd., WFP-CK-11-     | Dunisky,.,Co Cork,Co             |   |
| ١ | Vithin the Country     | 19 12 07 | No  | 831.82 wood other than that mentioned in 19 12 06 | 6 R11 | М   | Weighed    | Offsite in Ireland    | 0087-02                       | ork, Ireland                     |   |
|   |                        |          |     |   |       |     |            |                       | Ray Gough, Private Land       | Suncroft,.,.,Co.                 |   |
| 1 | Vithin the Country     | 19 12 07 | No  | 91.02 wood other than that mentioned in 19 12 06  | i R11 | М   | Weighed    | Offsite in Ireland    | Owner                         | Kildare, Ireland                 |   |
|   |                        |          |     |   |       |     |            |                       | Greenstar Ballynagran         | Ballynagran Coolbeg              |   |
| ١ | Vithin the Country     | 19 12 07 | No  | 1915.4 wood other than that mentioned in 19 12 06 | R11   | м   | Weighed    | Offsite in Ireland    | Residual Landfill,W0165-01    | Cross, Co. Wicklow, ., Ireland   |   |
|   |                        |          |     |   |       |     | Ŭ          |                       | Greenstar Knockharley         | Knockharley,.,Navan,Co           |   |
| ١ | Vithin the Country     | 19 12 09 | No  | 1139.06 minerals (for example sand, stones)       | R11   | М   | Weighed    | Offsite in Ireland    | Landfill,W0146-03             | Meath, Ireland                   |   |
|   |                        |          |     |   |       |     |            |                       | 0 / 0 /                       | <b>D H</b>                       |   |
| , | lithin the Country     | 10 12 00 | No  | 2520.2 minorale (for exemple condictiones)        | D11   |     | Maighad    | Officite in Iroland   | Greenstar Ballynagran         | Ballynagran,Coolbeg              |   |
| ` | within the Country     | 19 12 09 | INU | 2520.5 minerais (ior example sand, stones)        | KII   | IVI | weighed    | Olisite in lieland    | TPS Delahunt Ltd. WEP-        | Balleese Rathdrum Co             |   |
| 1 | vithin the Country     | 19 12 09 | No  | 6733.3 minerals (for example sand, stones)        | R11   | м   | Weighed    | Offsite in Ireland    | WW-12-0016-01                 | Wicklow.Ireland                  |   |
|   | ,                      |          |     |   |       |     |            |                       |                               |                                  |   |
|   |                        |          |     |   |       |     |            |                       | Greenstar Ballynagran         | Ballynagran,Coolbeg              |   |
| ١ | Vithin the Country     | 19 12 09 | No  | 1095.5 minerals (for example sand, stones)        | R11   | М   | Weighed    | Offsite in Ireland    | Residual Landfill,W0165-01    | Cross,Co. Wicklow,.,Ireland      |   |
|   |                        |          |     | other wastes (including mixtures of               |       |     |            |                       |                               |                                  |   |
|   |                        |          |     | materials) from mechanical treatment of           |       |     |            |                       | Groopstor Knockharlov         | Knockharlov, Novon Co            |   |
| 1 | vithin the Country     | 19 12 12 | No  | 5101 34 12 11                                     | D1    | м   | Weighed    | Offsite in Ireland    | Landfill W0146-03             | Meath Ireland                    |   |
|   |                        | 10 12 12 |     | other wastes (including mixtures of               | 5.    |     |            |                       | Landin, Profile 00            | in out i, i ola na               |   |
|   |                        |          |     | materials) from mechanical treatment of           |       |     |            |                       |                               | Killeen                          |   |
|   |                        |          |     | wastes other than those mentioned in 19           |       |     |            |                       | Thorntons Recycling           | Road, Ballyfermot, Dublin, 10, I |   |
| ١ | Vithin the Country     | 19 12 12 | No  | 3075.54 12 11                                     | R12   | М   | Weighed    | Offsite in Ireland    | Centre,W0044-02               | reland                           |   |
|   |                        |          |     |   |       |     |            |                       |                               | Democratic Levelse and           |   |
|   |                        |          |     | other wastes (including mixtures of               |       |     |            |                       |                               | Kilkesskin Drumond               |   |
|   |                        |          |     | materials) from mechanical treatment of           |       |     |            |                       |                               | Timahoe West                     |   |
|   |                        |          |     | wastes other than those mentioned in 19           |       |     |            |                       | Bord Na Mona                  | Coolcarrigan, Carbury, Co        |   |
| ١ | Vithin the Country     | 19 12 12 | No  | 169.6 12 11                                       | D1    | М   | Weighed    | Offsite in Ireland    | Drehid, W0201-03              | Kildare, Ireland                 |   |
|   |                        |          |     | other wastes (including mixtures of               |       |     |            |                       |                               |                                  |   |
|   |                        |          |     | materials) from mechanical treatment of           |       |     |            |                       |                               | 0 / DI 10                        |   |
| , | lithin the Country     | 10 12 12 | No  | Wastes other than those mentioned in 19           | P11   | м   | Weighed    | Offsite in Ireland    | Indaver Ireland Ltd., VV0167- | Carranstown,.,Duleek,Co          |   |
| ì |                        | 19 12 12 | NU  | 88.54 12 11                                       | NT1   | IVI | weighed    | Olisite in lieland    | 03                            | 504 A Grants                     |   |
|   |                        |          |     |   |       |     |            |                       |                               | Drive, Greenogue Business        |   |
|   |                        |          |     |   |       |     |            |                       |                               | Park, Greenogue Industrial       |   |
| ١ | Vithin the Country     | 20 01 11 | No  | 0.42 textiles                                     | R12   | М   | Weighed    | Offsite in Ireland    | Textile Recycling Ltd. ,n/a   | Estate, Dublin 24, Ireland       |   |
|   |                        |          |     |   |       |     |            |                       |                               |                                  | Rehab Recycling,WFP-DS-   |
|   |                        |          |     |   |       |     |            |                       |                               | vvnelan House,South              | 10-0008-01, Unit //<br>Proombill                                    |
|   |                        |          |     | discarded equipment containing                    |       |     |            |                       |                               | Park Leopardstown Dublin         | Road Tallaght Dublin 24 Irela Road Tallaght Dublin 24 Irela         |
| 1 | vithin the Country     | 20 01 23 | Yes | 5.02 chlorofluorocarbons                          | R4    | м   | Weighed    | Offsite in Ireland    | Weee Ireland Ltd., N/A        | 18. Ireland                      | nd nd   |
|   |                        |          |     |   |       |     |            |                       |                               |                                  | Rehab Recycling,WFP-DS-   |
|   |                        |          |     | discarded electrical and electronic               |       |     |            |                       |                               | Whelan House,South               | 10-0008-01, Unit 77   |
|   |                        |          |     | equipment other than those mentioned in           |       |     |            |                       |                               | County Business                  | Broomhill Unit 77 Broomhill   |
|   | lithin the Origination | 00.04.05 | No. | 20 01 21 and and 20 01 23 containing              | D4    |     | Mariah and | Offective in Inclosed | Mana Indexed Ltd. NI/A        | Park, Leopardstown, Dublin       | Road, Tallaght, Dublin, 24, Irela Road, Tallaght, Dublin, 24, Irela |
| ` | vitnin the Country     | 20 01 35 | res | 16.2 nazardous components                         | R4    | IVI | vveigned   | Unsite in Ireland     | weee Ireland Ltd., N/A        | 18, Ireland                      | na na   |
|   |                        |          |     |   |       |     |            |                       | Eirebloc Ltd., WFP-CK-11-     | Dunisky,,Co Cork,Co              |   |
| ١ | Vithin the Country     | 15 01 03 | No  | 41.22 wooden packaging                            | R12   | М   | Weighed    | Offsite in Ireland    | 0087-02                       | ork, Ireland                     |   |
|   | ,                      |          |     |   |       |     |            |                       | C & D Recycling Ltd.,WFP-     | Merrymeeting,.,Rathnew,Co        |   |
| ١ | ithin the Country      | 16 01 03 | No  | 7.22 end-of-life tyres                            | R12   | М   | Weighed    | Offsite in Ireland    | WW-09-0009-02                 | Wicklow, Ireland                 |   |
|   | lithin the Origin      | 40.05.05 | Ne  | gases in pressure containers other than           | Dia   |     | Mariah and | Offective in last     | D00 N/A                       | Harcourt Centre, Charlotte       |   |
| 1 | within the Country     | 16 05 05 | NO  | 1.16 those mentioned in 16.05.04                  | R13   | IVI | vveignea   | Offsite in Ireland    | BOC gases, N/A                | Way, Dublin, 2, Ireland          |   |
|   |                        |          |     | ceramics other than those mentioned in 17         |       |     |            |                       | Allaway                       | Road Ringsend Dublin 4 Irel      |   |
| 1 | ithin the Country      | 17 01 07 | No  | 1749.78 01 06                                     | R5    | м   | Weighed    | Offsite in Ireland    | Recycling.WP98058             | and                              |   |
|   |                        |          |     |   |       |     |            |                       |                               |                                  |   |

|                     |              |                     | mixture of concrete, bricks, tiles and                              |             |     |            |                         |                             |                                  |
|---------------------|--------------|---------------------|---|-------------|-----|------------|-------------------------|-----------------------------|----------------------------------|
|                     |              |                     | ceramics other than those mentioned in 17                           |             |     |            |                         | Behans Land                 | Blackhall, Punchestown, Naa      |
| Within the Country  | 17 0 🔽 7     | No                  | 7169.44 01 06   | R5          | М   | Weighed    | Offsite in Ireland      | Restoration,W0247-01        | s,Co Kildare,Ireland             |
|                     |              |                     | mixture of concrete, bricks, tiles and                              |             |     |            |                         |                             |                                  |
|                     |              |                     | ceramics other than those mentioned in 17                           |             |     |            |                         | C & D Recycling Ltd., WFP-  | Merrymeeting,.,Rathnew,Co        |
| Within the Country  | 17 01 07     | No                  | 54.22 01 06   | R5          | М   | Weighed    | Offsite in Ireland      | WW-09-0009-02               | Wicklow, Ireland                 |
|                     |              |                     | mixture of concrete, bricks, tiles and                              |             |     |            |                         |                             |                                  |
|                     |              |                     | ceramics other than those mentioned in 17                           |             |     |            |                         | TPS Delahunt Ltd.,WFP-      | BalleeseRathdrum.Co              |
| Within the Country  | 17 01 07     | No                  | 74.76 01 06   | R5          | м   | Weighed    | Offsite in Ireland      | WW-12-0016-01               | Wicklow, Ireland                 |
|                     |              |                     | mixture of concrete, bricks, tiles and                              |             |     |            |                         |                             |                                  |
|                     |              |                     | ceramics other than those mentioned in 17                           |             |     |            |                         | Greenstar Ballynagran       | Ballynagran, Coolbeg             |
| Within the Country  | 17 01 07     | No                  | 23.14 01 06   | R5          | м   | Weighed    | Offsite in Ireland      | Residual Landfill, W0165-01 | Cross.Co. WicklowIreland         |
| ,                   |              |                     | mixture of concrete bricks tiles and                                |             |     |            |                         |                             | Belgard                          |
|                     |              |                     | ceramics other than those mentioned in 17                           |             |     |            |                         |                             | Quarry Fortunestown Tallag       |
| Within the Country  | 17 01 07     | No                  | 496.68.01.06  | R5          | м   | Weighed    | Offsite in Ireland      | Roadstone WPR025-3          | ht Dublin 24 Ireland             |
| Within the obtainty | 11 01 01     | 110                 | 400.00 01 00  | 110         |     | Wolghou    |                         |                             | Bollamey The                     |
|                     |              |                     |   |             |     |            |                         | Multimetals WEP-WW-09-      | Murrough Wicklow                 |
| Within the Country  | 17 04 05     | No                  | 11.56 iron and steel  | R4          | м   | Weighed    | Offsite in Ireland      | 0014-01                     | Town Ireland                     |
| Within the obtainty | 11 04 00     | 110                 |   | 1.4         |     | Wolghou    |                         | National Metal Recycling    | rown,.,noidhd                    |
|                     |              |                     |   |             |     |            |                         | I to T/A National           | Station                          |
|                     |              |                     |   |             |     |            |                         | Recycling WEP-DS-10-        | Road Clondalkin Dublin           |
| Within the Country  | 17.04.05     | No                  | 13.32 iron and steel  | R4          | м   | Weighed    | Offsite in Ireland      | 0005-01                     | 22 Ireland                       |
| within the Country  | 17 04 05     | NO                  | 13.52 IION and Steel  | 114         | IVI | weighed    |                         | 0003-01                     | 84E Digoon House                 |
|                     |              |                     | coil and stones other than these                                    |             |     |            |                         | Allowey                     | Road Rings and Dublin 4 Irol     |
| Within the Country  | 17.05.04     | No                  | 226 42 montioned in 17 05 02  | <b>D1</b> 2 |     | Waighad    | Officito in Iroland     |                             | cod                              |
| within the Country  | 17 03 04     | INU                 | 230.42 mentioned in 17 05 05  | RI2         | IVI | weighed    | Olisite in lieland      | Recycling, WF 90030         | diu<br>Blaakhall Durahaataur Naa |
| Within the Country  | 17.05.04     | No                  | 2004 24 mentioned in 47 05 02                                       | D10         |     | Mainhad    | Officite in Incloud     | Destaration W0247.01        | Diackhail, Punchestown, Naa      |
| within the Country  | 17 03 04     | INU                 | 3901.24 mentioned in 17 05 05                                       | RI2         | IVI | weighed    | Olisite in lieland      | Restoration, w0247-01       | S,CO Kildale,ilelalid            |
|                     |              |                     | and atomas other than these   |             |     |            |                         | Thorntono Degualing         | Read Bally formet Dublin 40 I    |
|                     | 47.05.04     | NI-                 | soli and stones other than those                                    | D40         |     | Martine at | Offective the local and | Inorntons Recycling         | Road, Ballytermot, Dublin, 10,1  |
| within the Country  | 17 05 04     | INO                 | 60.34 mentioned in 17 05 03   | RIZ         | IVI | weigned    | Olisite in Ireland      | Centre, W0044-02            | Runarati Ca                      |
|                     | 17.05.04     |                     | soli and stones other than those                                    | D.40        |     |            | 0                       | Ray Gough, Private Land     | Suncroft,,Co.                    |
| within the Country  | 17 05 04     | INO                 | 312.0 mentioned in 17 05 03   | R12         | IVI | vveigned   | Offsite in Ireland      | Owner                       | Kildare, Ireland                 |
|                     |              |                     |   |             |     |            |                         | Hammond Lane Metal          | Pigeon House                     |
|                     | 40.40.00     |                     |   |             |     |            | 0                       | Company Ltd., WFP-DC-09-    | road,.,Ringsend,Dublin           |
| Within the Country  | 19 12 02     | NO                  | 210.14 terrous metal  | R4          | M   | weighed    | Offsite in Ireland      | 0013-01                     | 4, Ireland                       |
|                     |              |                     |   |             |     |            |                         | National Metal Recycling    |                                  |
|                     |              |                     |   |             |     |            |                         | Ltd. I/A National           | Station                          |
|                     |              |                     |   |             |     |            |                         | Recycling,WFP-DS-10-        | Road, Clondalkin, Dublin         |
| Within the Country  | 19 12 02     | No                  | 615.16 terrous metal  | R4          | М   | Weighed    | Offsite in Ireland      | 0005-01                     | ,22,Ireland                      |
|                     |              |                     |   |             |     |            |                         | National Metal Recycling    |                                  |
|                     |              |                     |   |             |     |            |                         | Ltd. T/A National           | Station                          |
|                     |              |                     |   |             |     |            |                         | Recycling,WFP-DS-10-        | Road, Clondalkin, Dublin         |
| Within the Country  | 19 12 03     | No                  | 6.0 Metal cable   | R4          | М   | Weighed    | Offsite in Ireland      | 0005-01                     | ,22,Ireland                      |
|                     |              |                     |   |             |     |            |                         | Greenstar Knockharley       | Knockharley,,,Navan,Co           |
| Within the Country  | 19 12 07     | No                  | 620.77 wood other than that mentioned in 19 12 06                   | 5 R11       | М   | Weighed    | Offsite in Ireland      | Landtill,W0146-03           | Meath, Ireland                   |
|                     |              |                     |   |             |     |            |                         | TPS Delahunt Ltd.,WFP-      | Balleese,.,Rathdrum,Co           |
| Within the Country  | 19 12 07     | No                  | 21.6 wood other than that mentioned in 19 12 06                     | 6 R11       | М   | Weighed    | Offsite in Ireland      | WW-12-0016-01               | Wicklow, Ireland                 |
| ADD NEW ROW         | DELETE ROW * | * Select a row by c | double-clicking the Description of Waste then click the delete butt | on          |     |            |                         |                             |                                  |