| Facility Information Summary | |
|---|---|
| AER Reporting Year | 2013 |
| Licence Register Number | W0207-01 |
| Name of site | Cavan Waste Dispoal |
| Site Location | Killygarry Industrial Estate |
| NACE Code | |
| Class/Classes of Activity | Class 2,3,4,11,12 & 13 |
| National Grid Reference (6E, 6 N) | 244132 304671 |

A description of the activities/processes at the site for the reporting year. This should include information such as production increases or decreases on site, any infrastructural changes, environmental performance which was measured during the reporting year **and an overview of compliance with your licence** listing all exceedances of licence limits (where applicable) and what they relate to e.g. air, water, noise.

Cavan Waste Disposal Ltd. Killygarry Industrial Park, Cavan, Co. Cavan, hold a Waste License (Reg. No. W0207-01), issued on the 28th June 2005, to operate a Waste Transfer Station. In accordance with the requirements of Condition 12.6 of the Waste License, an Annual Environmental Report (AER) for the facility must be submitted to the Environmental Protection Agency (EPA).

**Declaration:**

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

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

## AIR-summary template

Lic No: W0207-01 Year 2013

**Answer all questions and complete all tables where relevant**

| | | | Additional information |
|---|---|---|---|
| 1 | Does your site have licensed air emissions? If yes please complete table A1 and A2 below for the current reporting year and answer further questions. If **you do not have** licenced emissions and **do not complete a solvent management plan** (table A4 and A5) you do not need to complete the tables | SELECT | |

## Periodic/Non-Continuous Monitoring

| | | | | |
|---|---|---|---|---|
| 2 | Are there any results in breach of licence requirements? If yes please provide brief details in the comment section of TableA1 below | | SELECT | |
| 3 | Was all monitoring carried out in accordance with EPA guidance note AG2 and using the basic air monitoring checklist? | Basic air monitoring checklist AGN2 | SELECT | |

### Table A1: Licensed Mass Emissions/Ambient data-periodic monitoring (non-continuous)

| Emission reference no: | Parameter/ Substance | Frequency of Monitoring | ELV in licence or any revision therof | Licence Compliance criteria | Measured value | Unit of measurement | Compliant with licence limit | Method of analysis | Annual mass load (kg) | Comments - reason for change in % mass load from previous year if applicable |
|---|---|---|---|---|---|---|---|---|---|---|
| D2 | Total Particulates | 3 times a year | 350mg/m2/day | 100 % of values < ELV | 237.9 | mg/m2/day | yes | ALT | 638.22 | |
| D5 | Total Particulates | 3 times a year | 350mg/m2/day | 100 % of values < ELV | 253.3 | mg/m2/day | yes | ALT | 679.63 | |

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

| AIR-summary template | Lic No: | W0207-01 | Year | 2013 |
|---|---|---|---|---|

## Continuous Monitoring

| | | | |
|---|---|---|---|
| 4 | Does your site carry out continuous air emissions monitoring? | SELECT | |

If yes please review your continuous monitoring data and report the required fields below in Table A2 and compare it to its relevant Emission Limit Value (ELV)

| | | | |
|---|---|---|---|
| 5 | Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below | SELECT | |
| 6 | Do you have a proactive service agreement for each piece of continuous monitoring equipment? | SELECT | |
| 7 | Did your site experience any abatement system bypasses? If yes please detail them in table A3 below | SELECT | |

### Table A2: Summary of average emissions -continuous monitoring

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

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

### Table A3: Abatement system bypass reporting table

Bypass protocol

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

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

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

| AIR-summary template | Lic No: | W0207-01 | Year | 2013 |
|---|---|---|---|---|

## Solvent use and management on site

8 Do you have a total Emission Limit Value of direct and fugitive emissions on site? if yes please fill out tables A4 and A5

SELECT

### Table A4: Solvent Management Plan Summary
### Total VOC Emission limit value

Solvent regulations — Please refer to linked solvent regulations to complete table 5 and 6

| Reporting year | Total solvent input on site (kg) | Total VOC emissions to Air from entire site (direct and fugitive) | Total VOC emissions as %of solvent input | Total Emission Limit Value (ELV) in licence or any revision therof | Compliance |
|---|---|---|---|---|---|
| | | | | | SELECT |
| | | | | | SELECT |

### Table A5: Solvent Mass Balance summary

| | (I) Inputs (kg) | (O) Outputs (kg) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Solvent | (I) Inputs (kg) | Organic solvent emission in waste | Solvents lost in water (kg) | Collected waste solvent (kg) | Fugitive Organic Solvent (kg) | Solvent released in other ways e.g. by- | Solvents destroyed onsite through | Total emission of Solvent to air (kg) |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | Total | |

**AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)** Lic No: W0207-01 Year 2013

| | | | Additional information |
|---|---|---|---|
| 1 | Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table W2 and W3 below for the current reporting year and answer further questions. If **you do not have** licenced emissions you only need to complete table W1 and or W2 for storm water analysis and visual inspections | SELECT | |
| 2 | Was it a requirement of your licence to carry out visual inspections on any surface water discharges or watercourses on or near your site? If yes please complete table W2 below summarising only any evidence of contamination noted during visual inspections | SELECT | |

**Table W1 Storm water monitoring**

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

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

**Table W2 Visual inspections-Please only enter details where contamination was observed.**

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

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

| | | | | Additional information |
|---|---|---|---|---|
| 3 | Was there any result in breach of licence requirements? If yes please provide brief details in the comment section of Table W3 below | | SELECT | |
| 4 | Was all monitoring carried out in accordance with EPA guidance and checklists for Quality of Aqueous Monitoring Data Reported to the EPA? If no please detail what areas require improvement in additional information box | External /Internal Lab Quality checklist / Assessment of results checklist | SELECT | |

**Table W3: Licensed Emissions to water and /or wastewater (sewer)-periodic monitoring (non-continuous)**

| Emission reference no: | Emission released to | Parameter/ SubstanceNote 1 | Type of sample | Frequency of monitoring | Averaging period | ELV or trigger values in licence or any revision | Licence Compliance criteria | Measured value | Unit of measurement | Compliant with licence | Method of analysis | Procedural reference source | Procedural reference standard number | Annual mass load (kg) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Foul | Wastewater/Sewer | pH | discrete | Bi-annual | Bi-annual | | All values < ELV | 6.99 | pH units | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-4500-H | - | |
| Foul | Wastewater/Sewer | BOD | discrete | Bi-annual | Bi-annual | | All values < ELV | 166 | mg/L | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-5210-B | 404.17 | |
| Foul | Wastewater/Sewer | COD | discrete | Bi-annual | Bi-annual | | All values < ELV | 345 | mg/L | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-5220-D | 836.97 | |
| Foul | Wastewater/Sewer | Suspended Solids | discrete | Bi-annual | Bi-annual | | All values < ELV | 41 | mg/L | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-2540-D | 99.47 | |
| Foul | Wastewater/Sewer | Sulphate | discrete | Bi-annual | Bi-annual | | All values < ELV | 55.65 | mg/L | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-4110-B | 135.01 | |

| AER Monitoring returns summary template-WATER/WASTEWATER(SEWER) | | | | | | Lic No: | W0207-01 | | | Year | 2013 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Foul | Wastewater/Sewer | Mineral oils | discrete | Bi-annual | Bi-annual | 5mg/l | All values < ELV | <0.1 | mg/L | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | GC-MS | <0.1 | |
| Surface Water 1 | Water | Temperature | discrete | Quarterly | Quarterly | | All values < ELV | 9.15 | degrees C | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-2550-I | - | |
| Surface Water 1 | Water | pH | discrete | Quarterly | Quarterly | | All values < ELV | 7.13 | pH units | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-4500-I | - | |
| Surface Water 1 | Water | Conductivity | discrete | Quarterly | Quarterly | | All values < ELV | 569 | mg/L | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-2510-I | 8012.82 | |
| Surface Water 1 | Water | BOD | discrete | Quarterly | Quarterly | | All values < ELV | 10 | mg/L | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-5210-I | 35.2 | |
| Surface Water 1 | Water | COD | discrete | Quarterly | Quarterly | | All values < ELV | 404.5 | mg/L | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-5220-I | 5698.79 | |
| Surface Water 1 | Water | Suspended Solids | discrete | Quarterly | Quarterly | | All values < ELV | 625.2 | mg/L | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-2540-I | 8808.12 | |
| Surface Water 1 | Water | Ammonia (as N) | discrete | Quarterly | Quarterly | | All values < ELV | 10.51 | mg/L | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-4500-I | 148.07 | |
| Surface Water 1 | Water | Mineral oils | discrete | Quarterly | Quarterly | 5mg/l | All values < ELV | <0.1 | mg/L | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | GC-MS | <0.1 | |
| Surface Water 2 | Water | Temperature | discrete | Quarterly | Quarterly | | All values < ELV | 9.65 | degrees C | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-2550-I | - | |
| Surface Water 2 | Water | pH | discrete | Quarterly | Quarterly | | All values < ELV | 7.31 | pH units | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-4500-I | - | |
| Surface Water 2 | Water | Conductivity | discrete | Quarterly | Quarterly | | All values < ELV | 501 | mg/L | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-2510-I | 7054.81 | |
| Surface Water 2 | Water | BOD | discrete | Quarterly | Quarterly | | All values < ELV | 6 | mg/L | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-5210-I | 84.53 | |
| Surface Water 2 | Water | COD | discrete | Quarterly | Quarterly | | All values < ELV | 385.25 | mg/L | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-5220-I | 5427.59 | |
| Surface Water 2 | Water | Suspended Solids | discrete | Quarterly | Quarterly | | All values < ELV | 453.55 | mg/L | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-2540-I | 6389.93 | |
| Surface Water 2 | Water | Ammonia (as N) | discrete | Quarterly | Quarterly | | All values < ELV | 0.54 | mg/L | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-4500-I | 7.66 | |
| Surface Water 2 | Water | Mineral oils | discrete | Quarterly | Quarterly | 5mg/l | All values < ELV | <0.1 | mg/L | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | GC-MS | <0.1 | |
| Surface Water 3 | Water | Temperature | discrete | Quarterly | Quarterly | | All values < ELV | 9.675 | degrees C | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-2550-I | - | |
| Surface Water 3 | Water | pH | discrete | Quarterly | Quarterly | | All values < ELV | 7.06 | pH units | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-4500-I | - | |
| Surface Water 3 | Water | Conductivity | discrete | Quarterly | Quarterly | | All values < ELV | 734.25 | mg/L | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-2510-I | 10344.47 | |
| Surface Water 3 | Water | BOD | discrete | Quarterly | Quarterly | | All values < ELV | 15 | mg/L | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-5210-I | 211.33 | |
| Surface Water 3 | Water | COD | discrete | Quarterly | Quarterly | | All values < ELV | 72.75 | mg/L | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-5220-I | 1024.9 | |
| Surface Water 3 | Water | Suspended Solids | discrete | Quarterly | Quarterly | | All values < ELV | 45.1 | mg/L | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-2540-I | 635.14 | |
| Surface Water 3 | Water | Ammonia (as N) | discrete | Quarterly | Quarterly | | All values < ELV | 0.974 | mg/L | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-4500-I | 13.72 | |
| Surface Water 3 | Water | Mineral oils | discrete | Quarterly | Quarterly | 5mg/l | All values < ELV | <0.1 | mg/L | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | GC-MS | <0.1 | |
| Surface Water 4 | Water | Temperature | discrete | Quarterly | Quarterly | | All values < ELV | 9.63 | degrees C | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-2550-I | - | |
| Surface Water 4 | Water | pH | discrete | Quarterly | Quarterly | | All values < ELV | 7.4 | pH units | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-4500-I | - | |
| Surface Water 4 | Water | Conductivity | discrete | Quarterly | Quarterly | | All values < ELV | 554.75 | mg/L | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-2510-I | 7843.76 | |
| Surface Water 4 | Water | BOD | discrete | Quarterly | Quarterly | | All values < ELV | 4 | mg/L | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-5210-I | 56.35 | |
| Surface Water 4 | Water | COD | discrete | Quarterly | Quarterly | | All values < ELV | 36.75 | mg/L | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-5220-I | 517.75 | |
| Surface Water 4 | Water | Suspended Solids | discrete | Quarterly | Quarterly | | All values < ELV | 12.45 | mg/L | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-2540-I | 175.4 | |
| Surface Water 4 | Water | Ammonia (as N) | discrete | Quarterly | Quarterly | | All values < ELV | 0.349 | mg/L | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | APHA-4500-I | 4.92 | |
| Surface Water 4 | Water | Mineral oils | discrete | Quarterly | Quarterly | 5mg/l | All values < ELV | <0.1 | mg/L | yes | INSTRUMENTAL METHODS | I.S. (Irish Standard) | GC-MS | <0.1. | |
| | | | | | | | | | | | | | | | |

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

| AER Monitoring returns summary template-WATER/WASTEWATER(SEWER) | Lic No: | W0207-01 | Year | 2013 |
|---|---|---|---|---|

**Continuous monitoring**

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

**If yes please summarise your continuous monitoring data below in Table W4 and compare it to its relevant Emission Limit Value (ELV)**

| | | | |
|---|---|---|---|
| 6 | Did continuous monitoring equipment experience downtime? **If yes please record downtime in table W4 below** | SELECT | |
| 7 | Do you have a proactive service contract for each piece of continuous monitoring equipment on site? | SELECT | |
| 8 | Did abatement system bypass occur during the reporting year? **If yes please complete table W5 below** | SELECT | |

**Table W4: Summary of average emissions -continuous monitoring**

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

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

**Table W5: Abatement system bypass reporting table**

| Date | Duration (hours) | Location | Resultant emissions | Reason for bypass | Corrective action* | Was a report submitted to the EPA? | When was this report submitted? |
|---|---|---|---|---|---|---|---|
| | | | | | | SELECT | |
| | | | | | | | |
| | | | | | | | |

*Measures taken or proposed to reduce or limit bypass frequency

| Bund/Pipeline testing template | Lic No: | W0207-01 | Year | 2013 | |
|---|---|---|---|---|---|

Bund testing

dropdown menu click to see options

| | | | Additional information |
|---|---|---|---|
| | Are you required by your licence to undertake integrity testing on bunds and containment structures ? if yes please fill out table B1 below listing all **new bunds and containment structures** on site, in addition to **all bunds which failed** the integrity test-**all bunding structures which failed including mobile bunds must be listed in the** | | |
| 1 | **table below, <u>please include all bunds outside the licenced testing period</u>** (mobile bunds and chemstore included) | Yes | |
| 2 | Please provide integrity testing frequency period | 3 years | |
| | Does the site maintain a register of bunds, underground pipelines (including stormwater and foul), Tanks, sumps | | |
| 3 | and containers? (containers refers to "Chemstore" type units and mobile bunds) | Yes | |
| 4 | How many bunds are on site? | 1 | |
| 5 | How many of these bunds have been tested within the required test schedule? | 1 | |
| 6 | How many mobile bunds are on site? | 1 | |
| 7 | Are the mobile bunds included in the bund test schedule? | Yes | |
| 8 | How many of these mobile bunds have been tested within the required test schedule? | 1 | |
| 9 | How many sumps on site are included in the integrity test schedule? | 0 | |
| 10 | How many of these sumps are integrity tested within the test schedule? | 0 | |
| | **Please list any sump integrity failures in table B1** | | |
| 11 | Do all sumps and chambers have high level liquid alarms? | N/A | |
| 12 | If yes to Q11 are these failsafe systems included in a maintenance and testing | N/A | |
| 13 | Is the Fire Water Retention Pond included in your integrity test programme? | N/A | |

**Table B1:** Summary details of bund /containment structure integrity test

| Bund/Containment structure ID | Type | Specify Other type | Product containment | Actual capacity | Capacity required* | Type of integrity test | Other test type | Test date | Integrity reports maintained on site? | Results of test | Integrity test failure explanation <50 words | Corrective action taken | Scheduled date for retest | Results of retest(if in current reporting year) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | SELECT | | | | | SELECT | | | SELECT | SELECT | | SELECT | | |
| | SELECT | | | | | SELECT | | | SELECT | SELECT | | SELECT | | |

* 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 | | |
| 15 | requirements and are all structures tested in line with BS8007/EPA | SELECT | |
| 16 | Are channels/transfer systems to remote containment systems tested? | SELECT | |
| 17 | Are channels/transfer systems compliant in both integrity and available volume? | SELECT | |

bunding and storage guidelines

Pipeline/underground structure testing

| | | | |
|---|---|---|---|
| | Are you required by your licence to undertake integrity testing* on underground structures e.g. pipelines or sumps etc ? if yes please fill out table 2 below listing all underground structures and pipelines on site **which failed the** | | |
| 1 | **integrity test and all which have not been tested withing the integrity test period as specified** | SELECT | |
| 2 | Please provide integrity testing frequency period | SELECT | |

*please note integrity testing means water tightness testing for process and foul pipelines (as required under your licence)

**Table B2:** Summary details of pipeline/underground structures integrity test

**Bund/Pipeline testing template** Lic No: W0207-01 Year 2013

| Structure ID | Type system | Material of construction: | Does this structure have Secondary containment? | Type of secondary containment | Type integrity testing | Integrity reports maintained on site? | Results of test | Integrity test failure explanation <50 words | Corrective action taken | Scheduled date for retest | Results of retest(if in current reporting year) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | SELECT | SELECT | SELECT | SELECT | SELECT | SELECT | SELECT | | | | SELECT |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

Please use commentary for additional details not answered by tables/ questions above

| **Groundwater/Soil monitoring template** | Lic No: | W0207-01 | Year | 2013 |
|---|---|---|---|---|

| | | | Comments | |
|---|---|---|---|---|
| 1 | Are you required to carry out groundwater monitoring as part of your licence requirements? | SELECT | | Please provide an interpretation of groundwater monitoring data in the interpretation box below or if you require additional space please include a groundwater/contaminated land monitoring results interpretaion as an additional section in this AER |
| 2 | Are you required to carry out soil monitoring as part of your licence requirements? | SELECT | | |
| 3 | Do you extract groundwater for use on site? If yes please specify use in comment section | SELECT | | |
| 4 | Do monitoring results show that groundwater generic assessment criteria such as GTVs or IGVs are exceeded or is there an upward trend in results for a substance? If yes, please complete the Groundwater Monitoring Guideline Template Report (link in cell G8) and submit separately through ALDER as a licensee return AND answer questions 5-12 below. Groundwater monitoring template | SELECT | | Please enter interpretation of data here |
| 5 | Is the contamination related to operations at the facility (either current and/or historic) | SELECT | | |
| 6 | Have actions been taken to address contamination issues?If yes please summarise remediation strategies proposed/undertaken for the site | SELECT | | |
| 7 | Please specify the proposed time frame for the remediation strategy | SELECT | | |
| 8 | Is there a licence condition to carry out/update ELRA for the site? | SELECT | | |
| 9 | Has any type of risk assesment been carried out for the site? | SELECT | | |
| 10 | Has a Conceptual Site Model been developed for the site? | SELECT | | |
| 11 | Have potential receptors been identified on and off site? | SELECT | | |
| 12 | Is there evidence that contamination is migrating offsite? | SELECT | | |

## Table 1: Upgradient Groundwater monitoring results

| Date of sampling | Sample location reference | Parameter/ Substance | Methodology | Monitoring frequency | Maximum Concentration++ | Average Concentration+ | unit | GTV's* | SELECT** | Upward trend in pollutant concentration over last 5 years of monitoring data |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | SELECT | | | SELECT |
| | | | | | | | SELECT | | | SELECT |

.+ where average indicates arithmetic mean

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

## Table 2: Downgradient Groundwater monitoring results

| Date of sampling | Sample location reference | Parameter/ Substance | Methodology | Monitoring frequency | Maximum Concentration | Average Concentration | unit | GTV's* | SELECT** | Upward trend in yearly average pollutant concentration over last 5 years of monitoring data |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | SELECT | | | SELECT |
| | | | | | | | SELECT | | | SELECT |

| Groundwater/Soil monitoring template | Lic No: | W0207-01 | Year | 2013 |
|---|---|---|---|---|

| | |
|---|---|
| *please note exceedance of generic assessment criteria (GAC) such as a Groundwater Threshold Value (GTV) or an Interim Guideline Value (IGV) or an upward trend in results for a substance indicates that further interpretation of monitoring results is required. In addition to completing the above table, please complete the Groundwater Monitoring Guideline Template Report at the link provided and submit separately through ALDER as a licensee return or as otherwise instructed by the EPA. | Groundwater monitoring template |
| More information on the use of soil and groundwater standards/ generic assessment criteria (GAC) and risk assessment tools is available in the EPA published guidance (see the link in G31) | Guidance on the Management of Contaminated Land and Groundwater at EPA Licensed Sites (EPA 2013). |

| | | | | | |
|---|---|---|---|---|---|
| **Depending on location of the site and proximity to other sensitive receptors alternative Receptor based Water Quality standards should be used in addition to the GTV e.g. if the site is close to surface water compare to Surface Water Environmental Quality Standards (SWEQS), If the site is close to a drinking water supply compare results to the Drinking Water Standards (DWS) | Surface water EQS | Groundwater regulations GTV's | Drinking water (private supply) standards | Drinking water (public supply) standards | Interim Guideline Values (IGV) |

**Groundwater/Soil monitoring template** Lic No: W0207-01 Year 2013

## Table 3: Soil results

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

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

| Environmental Liabilities template | Lic No: | W0207-01 | Year | 2013 |
|---|---|---|---|---|

Click here to access EPA guidance on Environmental Liabilities and Financial provision

| | | | Commentary |
|---|---|---|---|
| 1 | ELRA initial agreement status | Not applicable | |
| 2 | ELRA review status | Not applicable | |
| 3 | Amount of Financial Provision cover required as determined by the latest ELRA | Not applicable | |
| 4 | Financial Provision for ELRA status | Not applicable | |
| 5 | Financial Provision for ELRA - amount of cover | Not applicable | |
| 6 | Financial Provision for ELRA - type | Not applicable | |
| 7 | Financial provision for ELRA expiry date | Not applicable | |
| 8 | Closure plan initial agreement status | Not applicable | |
| 9 | Closure plan review status | Not applicable | |
| 10 | Financial Provision for Closure status | Not applicable | |
| 11 | Financial Provision for Closure - amount of cover | Not applicable | |
| 12 | Financial Provision for Closure - type | Not applicable | |
| 13 | Financial provision for Closure expiry date | Not applicable | |

## Environmental Management Programme/Continuous Improvement Programme template

Lic No: W0207-01 Year 2013

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

**Environmental Management Programme (EMP) report**

| Objective Category | Target | Status (% completed) | How target was progressed | Responsibility | Intermediate outcomes |
|---|---|---|---|---|---|
| Additional improvements | Continuous staff training and awareness especially in terms of providing induction training to new staff | 100 | Staff are continuously trained both upon entering the company and throughout there employment. | Section Head | Improved Environmental Management Practices |
| Reduction of emissions to Water | Continuous inspection and upgrade of concrete areas around facility. | 0 | Inspections to concrete area were carried out. | Section Head | Reduced emissions |
| Additional improvements | Carry out investegations into new technologies which will provide increased recycling of all major comodities | 0 | | Section Head | Improved Environmental Management Practices |

# Noise monitoring summary report

Lic No: W0207-01 Year 2013

| | | |
|---|---|---|
| 1 | Was noise monitoring a licence requirement for the AER period? If yes please fill in table N1 noise summary below | Yes |
| 2 | Was noise monitoring carried out using the EPA Guidance note, including completion of the "Checklist for noise measurement report" included in the guidance note as table 6? (Noise Guidance note) | Yes |
| 3 | Does your site have a noise reduction plan | SELECT |
| 4 | When was the noise reduction plan last updated? | Enter date |
| 5 | Have there been changes relevant to site noise emissions (e.g. plant or operational changes) since the last noise survey? | SELECT |

**Table N1: Noise monitoring summary**

| Date of monitoring | Time period | Noise location (on site) | Noise sensitive location -NSL (if applicable) | $LA_{eq}$ | $LA_{90}$ | $LA_{10}$ | $LA_{max}$ | Tonal or Impulsive noise* (Y/N) | If tonal /impulsive noise was identified was 5dB penalty applied? | Comments (ex. main noise sources on site, & extraneous noise ex. road traffic) | Is site compliant with noise limits (day/evening/night)? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 13/12/2013 | 15:53- 16:23 | | NSL1 | 50.9 | 48.2 | 54.2 | | No | SELECT | The location is along the back boundary of the transfer station. Site noise typically 45-50dB | Yes |
| 13/12/2013 | 16:29- 16:59 | | NSL2 | 50.9 | 47.7 | 54.8 | | No | | The location is along the back boundary of the transfer station. Site noise typically <47dB. | Yes |
| 13/12/2013 | 15:18- 15:48 | | NSL3 | 48.7 | 46.5 | 51.1 | | No | | The location is towards the front of the transfer station. Site noise typically 46-48dB. | Yes |
| 13/12/2013 | 14:42- 15:12 | | NSL4 | 61.4 | 48.4 | 67.2 | | No | | The location is in the middle of the yard. Trucks moving around in yard up to 65dB. Power washer at 60-65dB. Noise levels drop to 55dB in absense of trucks and power washer. | No |
| 13/12/2013 | 17:05- 17:35 | | NSL5 | 58.2 | 49 | 62 | | No | | The location is close to the entrance, weighbridge, car park and staff room. Trucks entering/ exiting yard up to 62dB. Machinery working and moving in nearby yard is at 58-60dB. | No |

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

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

** please explain the reason for not taking action/resolution of noise issues?

Any additional comments? (less than 200 words)

## Resource Usage/Energy efficiency summary

Lic No: W0207-01 Year 2013

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

Table R1 Energy usage on site

| Energy Use | Previous year | Current year | Production +/- % compared to previous reporting year** | Energy Consumption +/- % vs overall site production* |
|---|---|---|---|---|
| Total Energy Used (MWHrs) | 67250 | 66050 | -1.78 | 12% |
| Total Energy Generated (MWHrs) | | | | |
| Total Renewable Energy Generated (MWHrs) | | | | |
| Electricity Consumption (MWHrs) | | | | |
| Fossil Fuels Consumption: | | | | |
| Heavy Fuel Oil (m3) | 24.579 | 23.777 | 3.26 | 9.6 |
| Light Fuel Oil (m3) | | | | |
| Natural gas (m3) | | | | |
| Coal/Solid fuel (metric tonnes) | | | | |
| Peat (metric tonnes) | | | | |
| Renewable Biomass | | | | |
| Renewable energy generated on site | | | | |

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

** where site production information is available please enter percentage increase or decrease compared to previous year

Table R2 Water usage on site

| | | | | | Water Emissions | Water Consumption | |
|---|---|---|---|---|---|---|---|
| Water use | Water extracted Previous year m3/yr. | Water extracted Current year m3/yr. | Production +/- % compared to previous reporting year** | Energy Consumption +/- % vs overall site production* | Volume Discharged back to environment($m^3$yr): | Volume used i.e not discharged to environment e.g. released as steam m3/yr | Unaccounted for Water: |
| Groundwater | | | | | | | |
| Surface water | | | | | | | |
| Public supply | | 807 | | | 807 | 0 | 0 |
| Recycled water | | | | | | | |
| Total | | | | | | | |

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

** where site production information is available please enter percentage increase or decrease compared to previous year

Table R3 Waste Stream Summary

| | Total | Landfill | Incineration | Recycled | Other |
|---|---|---|---|---|---|

## Resource Usage/Energy efficiency summary

Lic No: W0207-01 Year 2013

| | | | | | |
|---|---|---|---|---|---|
| Hazardous (Tonnes) | | | | | |
| Non-Hazardous (Tonnes) | | | | | |

## Resource Usage/Energy efficiency summary

Lic No: W0207-01 Year 2013

Table R4: Energy Audit finding recommendations

| Date of audit | Recommendations | Description of Measures proposed | Origin of measures | Predicted energy savings % | Implementation date | Responsibility | Completion date | Status and comments |
|---|---|---|---|---|---|---|---|---|
| | | | SELECT | | | | | |
| | | | SELECT | | | | | |
| | | | SELECT | | | | | |

Table R5: Power Generation: Where power is generated onsite (e.g. power generation facilities/food and drink industry)please complete the following information

| | 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 on Site | | | | | |

| **Complaints and Incidents summary template** | Lic No: | W0207-01 | Year | 2013 |
|---|---|---|---|---|

## Complaints

| Have you received any environmental complaints in the current reporting year? If yes please complete summary details of complaints received on site in table 1 below | No | Additional information |
|---|---|---|

Table 1 Complaints summary

| Date | Category | Other type (please specify) | Brief description of complaint (Free txt <20 words) | Corrective action< 20 words | Resolution status | Resolution date | Further information |
|---|---|---|---|---|---|---|---|
| | SELECT | | | | SELECT | | |
| | SELECT | | | | SELECT | | |
| | SELECT | | | | SELECT | | |
| | SELECT | | | | SELECT | | |
| | SELECT | | | | SELECT | | |

| | |
|---|---|
| Total complaints open at start of reporting year | |
| Total new complaints received during reporting year | |
| Total complaints closed during reporting year | |
| Balance of complaints end of reporting year | |

## Incidents

| Have any incidents occurred on site in the current reporting year? Please list all incidents for current reporting year in Table 2 below | SELECT | Additional information |
|---|---|---|

| *For information on how to report and what constitutes an incident | What is an incident |
|---|---|

Table 2 Incidents summary

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

| | |
|---|---|
| Total number of incidents current year | |
| Total number of incidents previous year | |

| Complaints and Incidents summary template | | Lic No: | W0207-01 | Year | 2013 |
|---|---|---|---|---|---|
| % reduction/ increase | | | | | |

| WASTE SUMMARY | Lic No: | W0207-01 | Year | 2013 |
|---|---|---|---|---|
| SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES | | PRTR facility logon | | dropdown list click to see options |

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

| | | | Additional Information |
|---|---|---|---|
| 1 | Were any wastes accepted onto your site for recovery or disposal or treatment prior to recovery or disposal within the boundaries of your facility ?; (waste generated within your boundaries is to be captured through PRTR reporting) | No | |
| | If yes please enter details in table 1 below | | |
| 2 | Did your site have any rejected consignments of waste in the current reporting year? If yes please give a brief explanation in the additional information | No | |
| 3 | Was waste accepted onto your site that was generated outside the Republic of Ireland? If yes please state the quantity in tonnes in additional information | No | |

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

| Licenced annual tonnage limit for your site (total tonnes/annum) | EWC code<br>European Waste Catalogue EWC codes | Source of waste accepted | Description of waste accepted **Please enter an accurate and detailed description - which applies to relevant EWC code**<br>European Waste Catalogue EWC codes | Quantity of waste accepted in current reporting year (tonnes) | Quantity of waste accepted in previous reporting year (tonnes) | Reduction/ Increase over previous year +/ - % | Reason for reduction/ increase from previous reporting year | Packaging Content (%)- only applies if the waste has a packaging component | Disposal/Recovery or treatment operation carried out at your site and the description of this operation | Quantity of waste remaining on site at the end of reporting year (tonnes) | Comments - |
|---|---|---|---|---|---|---|---|---|---|---|---|
| *C&D Waste (7,990 tpa)* | *17 04 02* | *17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)* | ALUMINUM | *1.54* | *0* | 100% | | | *R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)* | | |
| *Household Waste (10,000)* | *15 01 01* | *15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED* | CARDBOARD PACKAGIN | *286.8* | *366.76* | -22% | | | *R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)* | | |
| *C&D Waste (7,990 tpa)* | *17 01 01* | *17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)* | CLEAN MANSORY (RUB | *31.44* | *315.24* | -90% | | | *R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)* | | |

| WASTE SUMMARY | | | | | Lic No: | W0207-01 | | Year | 2013 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| *C&D Waste (7,990 tpa)* | *17 09 04* | *17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)* | CND WASTE | *769.42* | *426.72* | 80% | | | *R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)* | | |
| *Household Waste (10,000)* | *20 03 07* | *20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS* | CNI BULKY WASTE | *2235.14* | *3812.79* | -41% | | | *R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)* | *63* | |
| *Household Waste (10,000)* | *20 01 01* | *20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS* | MIXED PAPER | *83.96* | *232.59* | 64% | | | *R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)* | | |
| *Household Waste (10,000)* | *20 03 01* | *20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS* | DRY RECYCABLES | *3674* | *4113.69* | -10% | | | *R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)* | *4* | |
| *Household Waste (10,000)* | *20 02 01* | *20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS* | GREEN BIODEGRADABL | *11.1* | *254* | -95% | | | *R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)* | | |
| *C&D Waste (7,990 tpa)* | *17 08 02* | *17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)* | GYPSUM | *0.82* | | 100% | | | *R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)* | | |
| *Household Waste (10,000)* | *20 01 40* | *20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS* | METAL | *112.91* | *301.02* | -62% | | | *R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)* | *5* | |

| WASTE SUMMARY | | | | | Lic No: | W0207-01 | | Year | 2013 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| *Household Waste (10,000)* | *15 01 07* | *15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED* | MIXED GLASS | *276.62* | *292.81* | -5% | | | *R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)* | *24* | |
| *Household Waste (10,000)* | *20 03 01* | *20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS* | MSW MUNICIPAL WAS | *12800.49* | *13067.97* | 2% | | | *R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)* | *18* | |
| *Household Waste (10,000)* | *15 01 02* | *15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED* | PLASTIC PACKAGING | *1.3* | *27.18* | -95% | | | *R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)* | | |
| *C&D Waste (7,990 tpa)* | *17 02 03* | *17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)* | PLASTICS - HARD | *2.5* | | 100% | | | *R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)* | | |
| *Household Waste (10,000)* | *20 01 39* | *20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS* | PLASTICS - MIXED | *14.2* | *1.86* | 663% | | | *R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)* | | |
| *Household Waste (10,000)* | *20 02 02* | *20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS* | SOIL & STONES | *84.94* | | 100% | | | *R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)* | | |
| *Household Waste (10,000)* | *15 01 04* | *15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED* | STEEL PACKAGING -CAI | *3.15* | *43.78* | 92% | | | *R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)* | | |

| WASTE SUMMARY | | | | | Lic No: | W0207-01 | | Year | 2013 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| *Household Waste (10,000)* | *15 01 05* | *15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED* | TETRAPAK | *15.82* | *25.1* | -37% | | | *R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)* | | |
| *Household Waste (10,000)* | *20 01 38* | *20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS* | WOOD - NON PACKAGI | *317.94* | *399* | -20% | | | *R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)* | *18* | |
| *Household Waste (10,000)* | *15 01 03* | *15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED* | WOOD - PACKAGING | *43.1* | *11.28* | 282% | | | *R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)* | | |
| *Commercial & Industrial (7,990 tpa)* | *19 12 11** | *19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE* | PAINT FILTERS | *0* | *0.58* | -100% | | | *R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)* | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

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

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

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

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

| Waste types permitted for disposal | Authorised/licenced annual intake for disposal (tpa) | Actual intake for disposal in reporting year (tpa) | Remaining licensed capacity at end of reporting year (m3) | Comments |
|---|---|---|---|---|
| | | | | |

| | | | | |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |

**Table 3 General information-Landfill only**

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

| WASTE SUMMARY | Lic No: | W0207-01 | Year | 2013 |
|---|---|---|---|---|

**Table 4 Environmental monitoring-landfill only** Landfill Manual-Monitoring Standards

| Was meterological monitoring in compliance with Landfill Directive (LD) standard in reporting year + | Was leachate monitored in compliance with LD standard in reporting year | Was Landfill Gas monitored in compliance with LD standard in reporting year | Was SW monitored in compliance with LD standard in reporting year | Have GW trigger levels been established | Were emission limit values agreed with the Agency (ELVs) | Was topography of the site surveyed in reporting year | statement under S53(A)(5) of WMA been submitted in reporting year | Comments |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

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

**Table 5 Capping-Landfill only**

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

*please note this includes daily cover area

**Table 6 Leachate-Landfill only**

| | | |
|---|---|---|
| 9 | Is leachate from your site treated in a Waste Water Treatment Plant? | SELECT |
| 10 | Is leachate released to surface water? If yes please complete leachate mass load information below | SELECT |

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

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

**Table 7 Landfill Gas-Landfill only**

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

Environmental Protection Agency

Guidance to completing the PRTR workbook

# AER Returns Workbook

Version 1.1.18

| REFERENCE YEAR | 2013 |
|---|---|

**1. FACILITY IDENTIFICATION**

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

Waste or IPPC Classes of Activity

| No. | class_name |
|---|---|
| 4.2 | Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes). |
| 3.11 | Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this Schedule. |
| 3.12 | Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule. |
| 3.13 | Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned is produced. |
| 4.11 | Use of waste obtained from any activity referred to in a preceding paragraph of this Schedule. |
| 4.12 | Exchange of waste for submission to any activity referred to in a preceding paragraph of this Schedule. |
| 4.13 | Storage of waste intended for submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced. |
| 4.3 | Recycling or reclamation of metals and metal compounds. |
| 4.4 | Recycling or reclamation of other inorganic materials. |

| | |
|---|---|
| Address 1 | Killygarry Industrial Park |
| Address 2 | Killygarry |
| Address 3 | Co Cavan |
| Address 4 | |
| | |
| | Cavan |
| Country | Ireland |
| Coordinates of Location | -7.32829 53.9893 |
| River Basin District | GBNIIENW |
| NACE Code | 3832 |
| Main Economic Activity | Recovery of sorted materials |
| **AER Returns Contact Name** | Maria Byrne |
| **AER Returns Contact Email Address** | mbyrne@oxigen.ie |
| **AER Returns Contact Position** | Environmental Compliance Officer |
| **AER Returns Contact Telephone Number** | 01 4263129 |
| **AER Returns Contact Mobile Phone Number** | 086 0488894 |
| **AER Returns Contact Fax Number** | |
| **Production Volume** | 0.0 |
| **Production Volume Units** | |
| **Number of Installations** | 0 |
| **Number of Operating Hours in Year** | 0 |
| **Number of Employees** | 6 |
| **User Feedback/Comments** | |
| **Web Address** | |

**2. PRTR CLASS ACTIVITIES**

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

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

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

**4. WASTE IMPORTED/ACCEPTED ONTO SITE** Guidance on waste imported/accepted onto site

| | |
|---|---|
| Do you import/accept waste onto your site for on-site treatment (either recovery or disposal activities) ? | |

This question is only applicable if you are an IPPC or Quarry site

## 4.1 RELEASES TO AIR

Link to previous years emissions data

### SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

| RELEASES TO AIR | | | | | Please enter all quantities in this section in KGs | | | |
|---|---|---|---|---|---|---|---|---|
| POLLUTANT | | METHOD | | | 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/Year | F (Fugitive) KG/Year |
| | | | | | 0.0 | 0.0 | 0.0 | 0.0 |

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

### SECTION B : REMAINING PRTR POLLUTANTS

| RELEASES TO AIR | | | | | Please enter all quantities in this section in KGs | | | |
|---|---|---|---|---|---|---|---|---|
| POLLUTANT | | METHOD | | | 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/Year | F (Fugitive) KG/Year |
| | | | | | 0.0 | 0.0 | 0.0 | 0.0 |

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

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

| RELEASES TO AIR | | | | | Please enter all quantities in this section in KGs | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| POLLUTANT | | METHOD | | | | | | QUANTITY | | |
| | | | Method Used | | | | | | | |
| Pollutant No. | Name | M/C/E | Method Code | Designation or Description | Emission Point 1 | Emission Point 2 | Emission Point 3 | T (Total) KG/Year | A (Accidental) KG/Year | F (Fugitive) KG/Year |
| 210 | Dust | M | ALT | VDI 2119 Part 2 | 638.23 | 679.63 | 658.93 | 1976.79 | 0.0 | 0.0 |

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

### Additional Data Requested from Landfill operators

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

**Landfill:** Cavan Waste Disposal Ltd

| Please enter summary data on the quantities of methane flared and / or utilised | T (Total) kg/Year | M/C/E | Method Used: Method Code | Method Used: Designation or Description | Facility Total Capacity 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



### SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

Data on ambient monitoring of storm/surface water or groundwater, conducted as part of your licence requirements, should NOT be submitted under Al

| RELEASES TO WATERS | | | | | Please enter all quantities in this section in KGs | | |
|---|---|---|---|---|---|---|---|
| POLLUTANT | | | | | 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/Year |
| 76 | Total organic carbon (TOC) (as total C or COD/3) | M | ALT | | 0.0 | 0.0 | 0.0 |

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

### SECTION B : REMAINING PRTR POLLUTANTS

| RELEASES TO WATERS | | | | | Please enter all quantities in this section in KGs | | |
|---|---|---|---|---|---|---|---|
| POLLUTANT | | | | | 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/Year |
| | | | | | 0.0 | 0.0 | 0.0 |

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

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

| RELEASES TO WATERS | | | | | Please enter all quantities in this section in KGs | | |
|---|---|---|---|---|---|---|---|
| POLLUTANT | | | | | | | |
| | | | Method Used | | | | |
| Pollutant No. | Name | M/C/E | Method Code | Designation or Description | Emission Point 1 | Emission Point 2 | Emission Point 3 |
| 303 | BOD | M | ALT | APHA-5210-B | 35.22 | 84.53 | 211.37 |
| 306 | COD | M | ALT | APHA-5220-D | 5698.79 | 5427.58 | 1024.94 |
| 240 | Suspended Solids | M | ALT | APHA-2540-D | 8808.12 | 6389.83 | 635.14 |
| 238 | Ammonia (as N) | M | ALT | APHA-4500-NH3-D | 148.07 | 7.66 | 13.72 |
| **324** | **Mineral oils** | M | ALT | GC-MS | 0.0 | 0.0 | 0.0 |

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

**ER / PRTR Reporting as this only concerns Releases from your fac**

| F (Fugitive) KG/Year |
|---|
| 0.0 |

| F (Fugitive) KG/Year |
|---|
| 0.0 |

| | QUANTITY | | |
|---|---|---|---|
| Emission Point 4 | T (Total) KG/Year | A (Accidental) KG/Year | F (Fugitive) KG/Year |
| 56.35 | 387.47 | 0.0 | 0.0 |
| 517.75 | 12669.06 | 0.0 | 0.0 |
| 175.4 | 16008.49 | 0.0 | 0.0 |
| 175.04 | 344.49 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |

## 4.3 RELEASES TO WASTEWATER OR SEWER

Link to previous years emissions data

### SECTION A : PRTR POLLUTANTS

| OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER | | | | | Please enter all quantities in this section in KGs | | | |
|---|---|---|---|---|---|---|---|---|
| POLLUTANT | | METHOD | | | QUANTITY | | | |
| | | | 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 |
| **76** | **Total organic carbon (TOC) (as total C or COD/3)** | M | ALT | Standard Method | 92.81 | 92.81 | 0.0 | 0.0 |

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

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

| OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER | | | | | Please enter all quantities in this section in KGs | | | |
|---|---|---|---|---|---|---|---|---|
| POLLUTANT | | METHOD | | | QUANTITY | | | |
| | | | Method Used | | | | | |
| Pollutant No. | Name | M/C/E | Method Code | Designation or Description | Emission Point 1 | T (Total) KG/Year | A (Accidental) KG/Year | F (Fugitive) KG/Year |
| 303 | BOD | M | ALT | APHA-5210-B | 134.45 | 134.45 | 0.0 | 0.0 |
| 306 | COD | M | ALT | APHA-5220-D | 278.42 | 278.42 | 0.0 | 0.0 |
| 240 | Suspended Solids | M | ALT | APHA-2540-D | 33.09 | 33.09 | 0.0 | 0.0 |
| 324 | Mineral oils | M | ALT | GC-MS | 0.0 | 0.0 | 0.0 | 0.0 |
| 343 | Sulphate | M | ALT | APHA-4110-B | 44.91 | 44.91 | 0.0 | 0.0 |

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

## 4.4 RELEASES TO LAND

Link to previous years emissions data



### SECTION A : PRTR POLLUTANTS

| RELEASES TO LAND | | | | | Please enter all quantities in this section in KGs | | |
|---|---|---|---|---|---|---|---|
| POLLUTANT | | METHOD | | | 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/Year |
| | | | | | 0.0 | 0.0 | 0.0 |

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

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

| RELEASES TO LAND | | | | | Please enter all quantities in this section in KGs | | |
|---|---|---|---|---|---|---|---|
| POLLUTANT | | METHOD | | | QUANTITY | | |
| | | | 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 |

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

| Transfer Destination | European Waste Code | Hazardous | Quantity (Tonnes per Year) | Description of Waste | Waste Treatment Operation | Method Used | | Location of Treatment | Haz Waste : Name and Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of Recover/Disposer | Haz Waste : Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer | Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY) | Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | M/C/E | Method Used | | | | | |
| Within the Country | 15 01 01 | No | 324.94 | paper and cardboard packaging | R3 | M | Weighed | Offsite in Ireland | Oxigen Environmental Ltd,W0208-01 | Merrywell Industrial Estate,Ballymount Road Lower,Clondalkin,Dublin 22,Ireland | | |
| Within the Country | 15 01 02 | No | 9.0 | plastic packaging | R3 | M | Weighed | Offsite in Ireland | Retech Processing Ltd,WFP-CN-10-0004-01 | IDA Business Park,.,Cootehill ,Co.Cavan,Ireland | | |
| Within the Country | 20 01 39 | No | 15.28 | plastics | R3 | M | Weighed | Offsite in Ireland | Oxigen Environmental Ltd,W0208-01 | Merrywell Industrial Estate,Ballymount Road Lower,Clondalkin,Dublin 22,Ireland | | |
| To Other Countries | 17 04 02 | No | 1.41 | aluminium | R4 | M | Weighed | Abroad | Clearway Disposal Ltd,LN/05/02/A | East Twin Road,.,Belfast,BT39EN,Ireland | | |
| Within the Country | 15 01 07 | No | 244.12 | glass packaging | R5 | M | Weighed | Offsite in Ireland | Rehab Glassco Ltd,WFP-KE-08-0957-01 | Unit 4 Oberstown Industrial Park,Carragh Road,Naas,Co.Kildare,Ireland | | |
| Within the Country | 16 01 03 | No | 5.48 | end-of-life tyres | R3 | M | Weighed | Offsite in Ireland | Crumb Rubber Ireland Ltd,WP 2007/01 | .,Dromskin,Dundalk,Co.Louth,Ireland | | |
| Within the Country | 17 01 07 | No | 287.74 | mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06 | R10 | M | Weighed | Offsite in Ireland | Various Farmers,N/A | .,.,.,Cavan,Ireland | | |
| Within the Country | 17 09 04 | No | 1691.6 | mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03 | R12 | M | Weighed | Offsite in Ireland | Oxigen Environmental Ltd,W0208-01 | Merrywell Industrial Estate,Ballymount Road Lower,Clondalkin,Dublin 22,Ireland | | |
| Within the Country | 15 01 05 | No | 19.22 | composite packaging | R3 | M | Weighed | Offsite in Ireland | Oxigen Environmental Ltd,W0208-01 | Merrywell Industrial Estate,Ballymount Road Lower,Clondalkin,Dublin 22,Ireland | | |
| To Other Countries | 20 01 40 | No | 254.29 | metals | R4 | M | Weighed | Abroad | Clearway Disposal Ltd,LN/05/02/A | East Twin Road,.,Belfast,BT39EN,Ireland | | |
| Within the Country | 20 02 01 | No | 20.94 | biodegradable waste | R3 | M | Weighed | Offsite in Ireland | Enrich Environmental Ltd,0004/01 | .,.,Kilcock,Co.Meath,Ireland | | |
| Within the Country | 17 02 03 | No | 4.28 | plastic | R3 | M | Weighed | Offsite in Ireland | Oxigen Environmental Ltd,W0208-01 | Merrywell Industrial Estate,Ballymount Road Lower,Clondalkin,Dublin 22,Ireland | | |
| Within the Country | 20 03 01 | No | 114.2 | mixed municipal waste | R13 | M | Weighed | Offsite in Ireland | Oxigen Environmental Ltd,W0144-01 | Coes Rd,.,Dundalk,Co.Louth,Ireland | | |
| Within the Country | 20 03 01 | No | 10024.72 | mixed municipal waste | D10 | M | Weighed | Offsite in Ireland | Indaver Ireland,W0167-02 | .,Carranstown,Duleek,Co.Meath,Ireland | | |
| Within the Country | 20 03 01 | No | 578.85 | mixed municipal waste | D5 | M | Weighed | Offsite in Ireland | Bord na Mona Drehid Waste Management facility,W0203-03 | .,Drehid,Carbury,Co.Kildare,Ireland | | |
| Within the Country | 20 03 01 | No | 2667.2 | mixed municipal waste | R13 | M | Weighed | Offsite in Ireland | Oxigen Environmental Ltd,W0152-03 | .,Robinhood Road,Clondalkin,Dublin 22,Ireland | | |
| Within the Country | 20 03 01 | No | 352.66 | mixed municipal waste | D1 | M | Weighed | Offsite in Ireland | Knockharley Landfill,W0146-02 | Knockharley ,Navan,Co. Meath,.,Ireland | | |
| Within the Country | 20 03 07 | No | 58.06 | bulky waste | R12 | M | Weighed | Offsite in Ireland | Oxigen Environmental Ltd,W0208-01 | Merrywell Industrial Estate,Ballymount Road Lower,Clondalkin,Dublin 22,Ireland | | |
| Within the Country | 20 03 01 | No | 3462.98 | Dry Recyclables | R12 | M | Weighed | Offsite in Ireland | Oxigen Environmental Ltd,W0208-01 | Merrywell Industrial Estate,Ballymount Road Lower,Clondalkin,Dublin 22,Ireland | | |
| Within the Country | 20 01 38 | No | 245.58 | wood other than that mentioned in 20 01 37 | R12 | M | Weighed | Offsite in Ireland | Guessford Ltd TA Oxigen Environmental,WF OY 10 0183 02 | Barnan,Dangean,Offaly,.,Ireland | | |
| Within the Country | 20 01 11 | No | 0.52 | textiles | R12 | M | Weighed | Offsite in Ireland | Textile Recycling Ltd,. | 504 A Grants Drive,Greenogue Business Park, Greenogue Industrial Estate,Dublin 24,Ireland | | |
| Within the Country | 20 03 01 | No | 15.16 | mixed municipal waste | R12 | M | Weighed | Offsite in Ireland | Thorntons Reycling,W0044-02 | Kileen Road ,Dublin 10,Dublin ,.,Ireland | | |
| Within the Country | 17 09 04 | No | 23.32 | mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03 | R12 | M | Weighed | Offsite in Ireland | AES Navan,W0131-02 | Clonmagaddan,Pridestown, Navan,.,Ireland | | |
| Within the Country | 15 01 04 | No | 1.58 | metallic packaging | R12 | M | Weighed | Offsite in Ireland | Wilton Waste,WFP-CN-10-0005-01 | Kiffa Crosserlough,Ballyjamesduff ,Co. Cavan IRELAND,.,Ireland | | |
| Within the Country | 20 01 38 | No | 153.24 | wood other than that mentioned in 20 01 37 | R12 | M | Weighed | Offsite in Ireland | Wilton Waste,WFP-CN-10-0005-01 | Kiffa Crosserlough,Ballyjamesduff ,Co. Cavan IRELAND,.,Ireland | | |

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

Link to previous years waste data
Link to previous years waste summary data & percentage change
Link to Waste Guidance