

Kerry County Council



Waste Licence Ref No. W0069-01

**Milltown Civic Amenity Site;
Ballyvirrane;
Milltown;
County Kerry.**

Annual Environmental Report.

**Reporting Period:
January 1st – December 31st 2017**

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March 2018.

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1.0 Introduction

Kerry County Council operates a waste transfer and recycling facility at Ballyvirrane, Milltown, Co. Kerry. It is located approximately 2 km south of the town of Milltown.

The principal activity of the Transfer Station is the compaction of solid waste into 30 cubic meter closed containers for subsequent transfer and disposal by nominated Licensed Waste Contractors.

Other activities include the recycling or reclamation of inorganic materials including metals, glass, steel and aluminium cans, car batteries, dry cell batteries, fluorescent tubes, domestic hazardous waste, cardboard, plastic bottles and newspapers.

This Annual Environment Report is prepared in accordance with Condition 2.8 and Schedule C of Waste Licence W0069-01 issued by the Environmental Protection Agency (EPA).

2.0 Reporting Period

The reporting period for this Annual Environmental Report is 1st January– 31st December 2017.

3.0 Waste Activities Carried out at the Facility

Waste disposal activities carried out at Milltown Transfer Station are in accordance with Part 1 of Waste Licence W0069-01 which outlines the waste disposal activities licensed in accordance with the Third Schedule of the Waste Management Act 1996. Licensed activities include:

- Class 12** Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.
- Class 13** Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned is produced.

Waste recovery activities carried out at Milltown Transfer Station are in accordance with Part 1 of Waste Licence W0069-01 which outlines the waste recovery activities licensed in accordance with the Fourth Schedule of the Waste Management Act 1996. Licensed activities include:

- Class 1** Solvent reclamation or regeneration.
- Class 2** Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).
- Class 3** Recycling or reclamation of metals and metal compounds.
- Class 4** Recycling or reclamation of other inorganic materials.
- Class 13** Storage of waste intended for submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced.

4.0 Quantity & Composition of Waste Received, Disposed & Recovered: 1st Jan – 31st Dec 2017

Waste material:

Waste tonnage disposed at Milltown Transfer Station during 2017 was 1,590 tonnes.

This is a substantial decrease on the previous year's figures as can be seen by the attached Table 1.

During 2017, the amount of waste material disposed at Milltown decreased by approximately 31% on the 2016 figures but has returned to 2012 – 2015 levels. The decrease is due to the fact that Kerry County Council (*Tralee Municipal District*) no longer sends its waste to Milltown. There is also a new waste collection service operator in the Milltown area and this has impacted on site turnover.

Waste collected at Milltown Transfer Station in 2017 is broken down as follows –

| Waste Source | EWC | Tonnes 2012 | Tonnes 2013 | Tonnes 2014 | Tonnes 2015 | Tonnes 2016 | Tonnes 2017 |
|---|----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Public Household | 20 03 01 | 1,237.7 | 1,138.20 | 1,211.83 | 1,293.68 | 1,307 | 1,192.96 |
| Commercial | 20 03 01 | 120.58 | 109.18 | 112.92 | 80.70 | 79.10 | 84.02 |
| Local Authority Refuse Collection | 20 03 01 | 3.82 | 0 | 0 | 0 | 0 | 0 |
| Road Sweeping / Fly tipping / Graveyard Waste | 20 03 03 20 02 03 | 125.60 | 129.58 | 207.21 | 394.86 | 916.76 | 313.2 |
| Total waste tonnage | | 1,487.70 | 1,376.96 | 1,531.96 | 1,769.24 | 2,302.86 | 1,590.18 |

Table 1: Waste source breakdown for reporting period.

Recycling & Recovery:

The quantity of waste sent for recycling in 2017 was 682.761 tonnes which is a decrease of 97.574 tonnes on the 2016 figure (*a decrease of approx. 12.5%*). There is a new waste collection service operating in the Milltown area and this has impacted on site turnover.

Waste sent for recycling during the reporting period compared with previous years is outlined in Table 2.

| Waste for Recycling & Recovery (Tonnes) | | | | | |
|--|-------------|-------------|-------------|-------------|-------------|
| 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| 573.87 | 657.98 | 692.85 | 735.52 | 780.335 | 682.761 |

| Waste for Recycling & Recovery | EWC | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|------------|-------------|-------------|-------------|-------------|-------------|---------------|
| Food Waste | 20 01 08 | 4.76 | 6.98 | 4.54 | 0 | 0 | 0 |
| Scrap Metals | 20 01 40 | 48.12 | 49.52 | 54.94 | 71.16 | 101.22 | 95.06 |
| Steel Cans | 15 01 04 | 8.89 | 12.45 | 12.405 | 14.31 | 14.887 | 9.99 |
| Glass | 15 01 07 | 74.71 | 92.62 | 90.429 | 104.102 | 108.95 | 89.22 |
| Aluminium | 15 01 04 | 2.57 | 3.66 | 3.425 | 3.658 | 4.396 | 2.78 |
| Batteries | 16 06 02* | 1.2 | 2.22 | 2.649 | 2.951 | 3.761 | 3.44 |
| Newspapers & Magazines | 20 01 01 | 152.5 | 162.3 | 177.14 | 175.68 | 171.68 | 43.14 |
| Cardboard | 15 01 01 | 94.22 | 102.88 | 110.69 | 106.16 | 111.78 | 98.9 |
| Fluorescent Tubes | 20 01 11 | 0.82 | 1.12 | 0.64 | 1.093 | 0.239 | 0.67 |
| Plastic Bottles | 15 01 02 | 42.72 | 53.16 | 66.06 | 72.74 | 75.22 | 19.94 |
| WEEE | 20 01 36 | 95.77 | 118.23 | 118.084 | 124.489 | 131.73 | 128.82 |
| Mixed Packaging | 15 01 06 | 46.64 | 52.16 | 49.04 | 54.56 | 52.74 | 139.38 |
| Textiles | 20 01 11 | 0.84 | 1.64 | 0 | 1.20 | 1.2 | 1.96 |
| Cooking Oil | 20 01 25 | 0.11 | 0.17 | 0 | 0 | 0.2 | 0.7 |
| Engine Oil | 13 02 08 | | | | 3.420 | 1.552 | 3.17 |
| Waste paint | 20 01 27 | | | | | 0.64 | 0 |
| Aerosols | 14 06 01 | | | | | 0.16 | 0 |
| Total tonnage for Recycling/Recovery | | 573.87 | 657.98 | 692.85 | 735.52 | 780.335 | 682.76 |

Table 2. Waste collected on site and recovered/recycled off site during the reporting period

| Household Waste Deposited at Milltown Civic Amentity Site in 2017 | | |
|--|----------------------------|-----------------|
| Material type | Suggested EWC codes | Total |
| Mixed residual waste (Trans Waste out of facility) | 20 03 01 | 1,590.18 |
| Organic waste (food and garden) | | |
| garden | 20 02 01 | 0.00 |
| Mixed dry recyclables (Ecosence Bags) | 15 01 06 | 139.38 |
| Cardboard, newspaper and other paper | | |
| cardboard packaging | 15 01 01 | 98.90 |
| newspaper and magazines | 15 01 01 | 43.14 |
| Glass | | |
| glass packaging (bottles) | 15 01 07 | 89.2230 |
| Metals | | |
| aluminium cans (packaging) | 15 01 04 | 2.7810 |
| steel cans (packaging) | 15 01 04 | 9.9920 |
| other metals (scrap metals) | 20 01 40 | 95.0600 |
| Plastic | | |
| plastic packaging (bottles) | 20 01 39 | 19.94 |
| Textiles | | |
| textiles, non-packaging (clothes) | 20 01 11 | 1.96 |
| Batteries | | |
| lead acid batteries and accumulators (Car Batteries) | 20 01 33 | 0.00 |
| Ni-Cd batteries and accumulators | 20 01 33 | 3.44 |
| Household Hazardous Waste | | |
| Waste mineral oils (Engine Oil) | 13 02 08 | 3.168 |
| Oil filters (vehicles) | | 0.000 |
| Oil containers (mineral oil) - plastic + metal | | 0.000 |
| Waste cooking or vegetable oils | 20 01 25 | 0.70 |
| Waste paint and varnish (including containers) | 20 01 27 | 0.00 |
| Aerosols | 14 06 01 | 0.00 |
| WEEE collected by compliance schemes | | |
| CRT | 20 01 36 | 24.929 |
| SDA - Small Domestic Appliances | 20 01 36 | 45.948 |
| LDA - Large Domestic Appliances | 20 01 36 | 38.927 |
| 0.00 | 20 01 36 | 19.016 |
| Foul Water from Septic Tank Milltown CA | 20 03 04 | 45.58 |
| Flourscent Tubes | 20 01 21 | 0.677 |
| Totals Excluding Mixed Residual Waste & Foul Water | | 682.761 |
| Totals Including Mixed Resicual Waste & Foul Water | | 2,272.94 |

Table 2.1

Waste collected on site and recovered / recycled off site during the reporting period.

Appendix I contains: the breakdown of waste by source which is repackaged for disposal off site during the reporting period.

5.0 Projections of the quantities to be accepted and percentages disposed and recycled/ recovered for the coming year

It is anticipated that the quantity of household waste disposed of at Milltown Recycling & Waste facility should increase slightly and that the amount of other *wastes (recycling wastes of various streams)* should also increase slightly in 2018.

The proposed Waste Management (Collection Permit) Regulations 2016 – “pay-by-weight” – were due to come into effect in July 2016. The introduction of these Regulations has, however, been deferred.

6.0 Summary Report on Emissions for the Reporting Period

a) Foul Water Emissions

The foul water is discharged via a Puraflow Wastewater Treatment Unit and is monitored quarterly. The results are sent to the EPA via six monthly reports and are also available at the Milltown facility and Environmental Services Office.

46 m³ of waste water was removed from Milltown CAS during 2017 by a licensed waste contractor and brought to Irish Waters WWTP AT Killorglin.

b) Surface Water Emissions

Surface water runoff takes place from site roads and uncontaminated surfaces discharges via silt traps to the surface water drains.

Surface water and foul water emission results are attached in Appendix II.

7.0 Summary of Results and Interpretations of Environmental Monitoring

a) Dust monitoring.

Dust monitoring at Milltown Recycling centre was completed in 2017 by Southern Scientific Services Ltd.

The Dust monitoring was carried out between August - September 2017 and the test results are attached in Appendix III. Results are within the Emission Limit Values (ELV) of the Waste Licence. No complaints were received in relation to dust at the facility during 2014 -2017.

It is Kerry County Council’s intension to seek a technical amendment during 2018 in relation to the dust monitoring locations and requirement of Waste License W69-01 where as part of our waste license we are required to carry out Dust monitoring tests annually. Past

monitoring of dust results indicates that the site is not causing a negative impact to the surrounding environs. We will request that dust monitoring would be carried out every 3 years and not annually as per Schedule D.

b) Noise monitoring

Noise monitoring was completed in 2017 by Southern Scientific Services Ltd at Milltown Waste Transfer Station. The noise survey was carried out in accordance with EPA NG4.

It was reported that noise from the waste transfer station was not clearly audible at the noise sensitive locations. Noise Monitoring report is attached in Appendix IV.

It is Kerry County Council's intension to seek a technical amendment during 2018 in relation to the noise monitoring requirement of Waste Licence W69-01 where as part of our waste license we are required to carry out tests annually.

Past monitoring indicates that the site did not causing excessive noise to the surrounding environs.

c) Monitoring of surface water

The surface water monitoring results are attached in Appendix II.

d) Foul Water

The foul water emission monitoring results are attached in Appendix II.

e) Bund and Tank Integrity Test

Under Licensee Return LR031020, Kerry County Council uploaded a cctv Integrity Test Report which was completed by an independent environmental company -'Irish Drain Services on the 23/08/2017. No issues arose during the cctv/integrity of the pipe network. Bund and integrity testing is required to be completed every 3 years. The next cctv integrity test is due in August 2020.

Electric hoppers are used in Milltown as such no diesel is stored within this bund/tank.

Diesel for the JCB is delivered as the need arises.

f) Kerry County Council's Laboratory Reporting

Verified lab results are provided in Appendix II.

8.0 Resource and Energy Consumption Summary

The following is the resource and energy consumption for Milltown Transfer Station for the reporting period.

8.1 Diesel

The diesel usage for Milltown Civic Amenity Site for the reporting period 2017 was 1,010 litres which is less than the previous years usage. There are a number of reasons for this reduction .We introduced Ecosense bags (Dry Recyclables) in April 2017 as such less usage of the JCB to compact bags in the skip. Also, a new JCB was leased since August 201 and used less diesel than the older model.

The primary usage of diesel is for the excavator on site. The bunded diesel tank is not used to store diesel as there has been issues with diesel theft on site. As such diesel is brought onto site on a need to use basis.

8.2 Electricity

Electricity usage on site has decreased significantly year on year since 2009 however there was a slight increase in the 2016 figures – this was due to increase in cardboard being accepted and baled on site. The primary energy consumer on site is a 3 phase waste compactor. Power is also required for the office computer and lighting, cctv, storage heating, cardboard baler and public lighting on the site.

| Year | Average Electricity Usage kWh/day |
|-------------|--|
| 2017 | 25.31 |
| 2016 | 20.38 |
| 2015 | 24.9 |
| 2014 | 30 |
| 2013 | 26 |
| 2012 | 25 |
| 2011 | 31 |
| 2010 | 38 |
| 2009 | 42 |

Table 3: Electricity usage on site.

8.3 Water

Water supply to the site is via a connection to the mains water supply. Irish Water are now billing Milltown CAS and the usage for the reporting period was averaging 10 m³. Water is used on site for power washing yard as well as the transfer station apron and hopper. No surface water or ground water is abstracted for use on site.

9.0 Report on Development Works Undertaken during the Reporting Period

No development works were undertaken at the facility during the reporting period.

10.0 Proposed Development Works for the Forthcoming Year

It was our intention to upgrade the WEEE storage facility in the lower yard.

11.0 Environmental Management System

There is an Environmental Management System (EMS) for the Milltown Recycling centre.

12.0 Report Targets and Environmental Objectives and Targets for 2018.

| Target Area | 2018 - Objective | 2018 – Expected Outcome to Indicate achievement of target |
|--|--|---|
| Odour Management | Continue to ensure that the waste facility does not cause a nuisance in terms of odour through good housekeeping practices on site. | No odour complaints received due to onsite/offsite odour. |
| Waste Storage Practices | Ensure good housekeeping on site so that waste is stored and collected in a timely fashion so as not to cause a nuisance on site or to the surrounding areas. Construction/placement of secure sheds on site for the storage of WEEE and bailed cardboard. | No wind blown litter on site or on the public road adjacent to our site. No overflowing bins on site. Proper segregation of cardboard and WEEE on site. |
| Incident Prevention | Continue with daily inspection and record keeping of emergency ‘STOP’ controls on site. Look at Fire Preventative and Emergency Response Procedure for the site. | Staff will strive to ensure no incidents occur on site by being vigilant and act on notifiable incidents immediately or in so far as is practicable. |
| Infrastructure integrity and drainage. | It is Kerry County Council’s intension to seek a technical amendment in relation to the integrity testing requirement of Waste Licence WL 69-01 (Schedule D). See above issue 8.1 relating to diesel storage. CCTV Integrity testing was carried out by an Independent Environmental Waste Company on 23/08/2017.The next test is due within 3 years (2020) | See issue 8.1. A derogation on the EPA Licence WL 69-01 to be sought in relation to the ‘bund Integrity testing’ as no diesel is stored on this site. |
| Waste acceptance, Classification and records | Continue to record and document all waste types entering and leaving the site with monthly verifiable reports being produced. | Monthly reports on waste streams produced and verified |
| | | |

13.0 Summary of Procedures Developed by the Licensee

- Revised Emergency Response Procedures and Accident Prevention Procedures were updated during 2017.
- Operational Procedures for the site supervisor which includes a daily inspection checklist of 'Emergency Stops' within the confines of the Transfer/ Recycling centre has continued in 2017. These procedures will be updated as required.

14.0 Reported Incidents and Complaints

A minor fire was noted in the waste hopper on the morning of the 24/01/2017 and the Fire Brigade was called. The incident was under control within 10 minutes of the Brigades arrival. This was considered an Environmental Category 1 (Low Risk) .

Revised Emergency Response Procedures and Accident Prevention Procedures were updated during 2017.

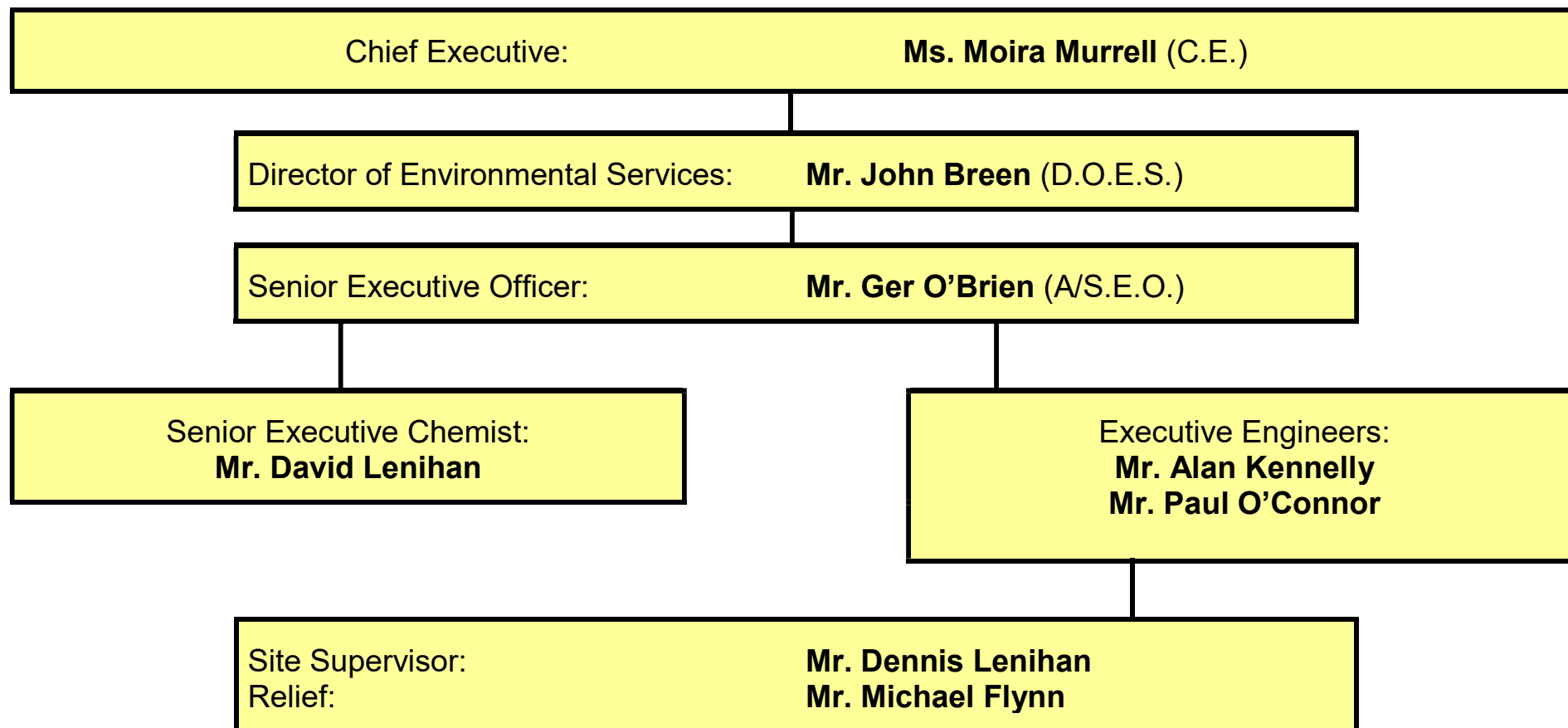
No other major incidents or complaints were recorded during 2017.

15.0 Report on Financial Provision

| Statement of Costs for Waste Operations - Milltown 2017 | | |
|---|--|------------------|
| Accelem | Account Element | Total € |
| 60030 | Wages | € 21,902 |
| 60040 | Salaries | € 11,137 |
| 60100 | ER PRSI | € 5,207 |
| 60200 | Overtime | € 12,651 |
| 60400 | Sick Pay | € 138 |
| 60500 | Annual Leave | € 6,031 |
| 60510 | Bank Holiday Leave | € 1,013 |
| 60600 | Travel/Subsistence | € 2,388 |
| 61990 | Other Allowances | € 943 |
| 65500 | Minor Contracts- Trade Services & other works | € 248,510 |
| 65965 | Transfer to/from Cap/Rev (Exp) | € - |
| 66500 | Non-Capital Equip Purchase - Fire Services | € 90 |
| 67500 | Non-Capital Equip Purchase - Computers | € 5 |
| 68000 | Non-Capital Equip Purchase - Office Equip/Furn | € 108 |
| 68500 | Non-Capital Equip Purchase - Other | € 110 |
| 69000 | Hire (Ext) - Plant/Transport/Machinery & Equipment | € 8,697 |
| 69200 | Repairs & Maint - Plant | € 342 |
| 69260 | Repairs & Maint - Other Equip | € 28 |
| 69400 | Transfers from Machinery Yard | € 3,187 |
| 69600 | Other Vehicle Expenses | € - |
| 70000 | Materials | € 1,353 |
| 70990 | Issues from Stores | € 3,467 |
| 71000 | Insurance | € 381 |
| 73400 | Staff Travelling & Subsistence Expenses | € 1,468 |
| 75000 | Computer Software and Maintenance Fees | € - |
| 76000 | Communication Expenses | € 295 |
| 77100 | Courier | € - |
| 77200 | Security - Property | € - |
| 78000 | Training | € 420 |
| 79900 | Consultancy/Professional Fees and Expenses | € 528 |
| 80000 | Advertising | € 110 |
| 81000 | Printing & Office Consumables | € 237 |
| 82100 | Statutory Contributions to Other Bodies | € 5,701 |
| 85100 | Rates & Other LA Charges | € 1,890 |
| 86000 | Energy / Utilities | € 2,472 |
| TOTAL | | € 340,809 |

| Statement of Costs for Recycling Operations - Milltown 2017 | | |
|---|---|------------------|
| Accelem | Account Element | Total € |
| 60030 | Wages | € 19,310 |
| 60040 | Salaries | € 11,137 |
| 60100 | ER PRSI | € 4,518 |
| 60200 | Overtime | € 12,847 |
| 60300 | Arrears | -€ 3 |
| 60500 | Annual Leave | € 2,076 |
| 60510 | Bank Holiday Leave | € 1,056 |
| 60600 | Travel/Subsistence | € 2,207 |
| 60700 | Eating on site allowance | € 8 |
| 61990 | Other Allowances | € 977 |
| 65500 | Minor Contracts- Trade Services & other works | € 38,190 |
| 69200 | Repairs & Maint - Plant | € - |
| 69260 | Repairs & Maint - Other Equip | € - |
| 69400 | Transfers from Machinery Yard | € - |
| 70000 | Materials | € 3,572 |
| 70990 | Issues from Stores | € - |
| 73400 | Staff Travelling & Subsistence Expenses | € 1,359 |
| 75000 | Computer Software and Maintenance Fees | € - |
| 76000 | Communication Expenses | € 254 |
| 77100 | Courier | € - |
| 77200 | Security - Property | € - |
| 78000 | Training | € - |
| 80000 | Advertising | € - |
| 81000 | Printing & Office Consumables | € 35 |
| 82100 | Statutory Contributions to Other Bodies | € 5,701 |
| 85100 | Rates & Other LA Charges | € - |
| 86000 | Energy / Utilities | € 273 |
| 99050 | Refunds | € 600 |
| TOTAL | | € 104,118 |

16.0 Management and Staffing Structure at the Facility December 2017.



17.0 Programme of Public Information

The following files are available for inspection by members of the public:

- ❖ AER of previous reporting year
- ❖ All correspondence with the Agency
- ❖ Surface Water Monitoring Results
- ❖ Incident/Complaints Register
- ❖ Tonnage of waste accepted on site
- ❖ Characterisation of waste accepted on site
- ❖ Operational Procedure Manual
- ❖ Information on Recycling Initiatives e.g. leaflets.
- ❖ Environmental Management System.

Appendix I - Waste Collected at Milltown Transfer Station for landfill during reporting period 2017.

| Milltown Transfer Station Residual Waste - Tonnage Period 01/01/17 to 31/12/2017 | | | | | | | | | | | | | |
|--|----------------------|--|---------------------------------|---|------------------|--|-------------------------------------|----------------------------|--|------------------------|---------------------------------|--|---------------------|
| Levied Waste as categorised by Waste Regulations | | | | | | Non Levied Waste as categorised by Waste Regulations | | | | | Totals | | |
| Month | Public Car Household | * Non weighed waste inclusive of tickets | Account Holders - VAT Inclusive | Account Holders - VAT Exclusive (Astellas, Temmler) | KCC Levied Waste | Killorglin & Dingle Area Offices & Tralee MD | | Other KCC Non Levied Waste | | Total Non Levied Waste | Total of Waste Over Weighbridge | Total Waste Out of Facility - Including Ticket Waste | No. Loads out of TS |
| | | | | | | Area Offices RoadswEEPing & Streetcleaning | Area Offices Clean Ups & Flytipping | GravEyard Waste | Clean Ups/ F'tipping Charged to Env - Invs Raised to Environment | | | | |
| January 2017 | 45.18 | 57.48 | 8.08 | 3.78 | 0 | 93.86 | 0 | 0 | 2.34 | 96.2 | 153.24 | 210.72 | 16 |
| January 2016 | 52.74 | 52.64 | 3.02 | 3.72 | 0.04 | 51.12 | 0 | 0 | 4.2 | 55.32 | 114.84 | 167.48 | 13 |
| February 2017 | 42.86 | 67.74 | 4.04 | 1.64 | 3.62 | 48.46 | 0 | 0 | 2.2 | 50.66 | 102.82 | 170.56 | 13 |
| February 2016 | 43.88 | 58.7 | 5.34 | 2.8 | 0 | 56.58 | 0 | 0 | 3.76 | 60.34 | 112.36 | 171.06 | 13 |
| March 2017 | 51.50 | 53.66 | 4.62 | 0.98 | 0 | 4.56 | 0 | 0 | 2.88 | 7.44 | 64.54 | 118.20 | 9 |
| March 2016 | 49.36 | 48.5 | 3.62 | 0.78 | 0.58 | 70.24 | 0 | 0 | 4.38 | 74.62 | 128.96 | 177.46 | 13 |
| April 2017 | 45.84 | 53.36 | 4.06 | 1.84 | 0.64 | 3.46 | 0.00 | 0.00 | 11.00 | 14.46 | 66.84 | 120.20 | 10 |
| April 2016 | 48.36 | 76.50 | 4.86 | 3.60 | 0.00 | 70.30 | 0.00 | 0.00 | 19.76 | 90.06 | 146.88 | 223.38 | 17 |
| May 2017 | 44.22 | 63.14 | 4.06 | 1.70 | 0.28 | 3.52 | 0.00 | 0.00 | 2.72 | 6.24 | 56.50 | 119.64 | 10 |
| May 2016 | 48.06 | 42.68 | 3.74 | 1.02 | 0.18 | 85.22 | 0.00 | 0.00 | 3.28 | 88.5 | 141.50 | 184.18 | 14 |
| June 2017 | 48.60 | 47.16 | 5.00 | 0.98 | 0.10 | 4.36 | 3.18 | 0.00 | 3.68 | 11.22 | 65.90 | 113.06 | 9 |
| June 2016 | 54.68 | 71.16 | 2.86 | 1.68 | 1.24 | 79.18 | 6.18 | 0.00 | 5.94 | 91.3 | 151.76 | 222.92 | 17 |
| July 2017 | 49.76 | 59.66 | 6.16 | 1.92 | 0.18 | 4.44 | 7.82 | 0.00 | 2.24 | 14.5 | 72.52 | 132.18 | 11 |
| July 2016 | 54.70 | 65.28 | 4.22 | 1.28 | 0.06 | 60.52 | 7.16 | 0.00 | 2.36 | 70.04 | 130.30 | 195.58 | 15 |
| August 2017 | 47.94 | 50.70 | 4.10 | 2.52 | 0.00 | 24.32 | 7.02 | 0.00 | 1.98 | 33.32 | 87.88 | 138.58 | 11 |
| August 2016 | 63.38 | 58.98 | 4.12 | 1.76 | 0.26 | 86.92 | 9.76 | 0.00 | 1.56 | 98.24 | 167.76 | 226.74 | 18 |
| September 2017 | 44.88 | 50.24 | 3.18 | 0.50 | 0.00 | 3.30 | 5.04 | 0.00 | 44.72 | 53.06 | 101.62 | 151.86 | 12 |
| September 2016 | 49.08 | 61.52 | 4.54 | 2.22 | 0.34 | 63.04 | 4.76 | 0.00 | 0.82 | 68.62 | 124.80 | 186.32 | 14 |
| October 2017 | 35.30 | 49.36 | 3.98 | 3.66 | 0.00 | 2.70 | 0.00 | 0.00 | 3.12 | 5.82 | 48.76 | 98.12 | 8 |
| October 2016 | 48.22 | 56.72 | 3.18 | 3.48 | 0.00 | 81.62 | 0.00 | 0.00 | 1.72 | 83.34 | 138.22 | 194.94 | 15 |
| November 2017 | 42.68 | 53.78 | 5.68 | 0.80 | 0.00 | 3.34 | 0.00 | 0.00 | 3.08 | 6.42 | 55.58 | 109.36 | 9 |
| November 2016 | 40.80 | 42.52 | 4.96 | 2.20 | 1.50 | 80.36 | 0.00 | 0.00 | 0.46 | 80.82 | 130.28 | 172.80 | 14 |
| December 2017 | 44.24 | 43.68 | 4.48 | 1.44 | 0.00 | 4.02 | 0.00 | 6.98 | 2.86 | 13.86 | 64.02 | 107.70 | 9 |
| December 2016 | 47.60 | 71.16 | 3.84 | 2.00 | 0.06 | 54.04 | 0.00 | 0.00 | 1.30 | 55.34 | 108.84 | 180.00 | 14 |
| Total Tonnage 2017 | 543.00 | 649.96 | 57.44 | 21.76 | 4.82 | 200.34 | 23.06 | 6.98 | 82.82 | 313.2 | 940.22 | 1590.18 | 127 |
| Total Tonnage 2016 | 600.86 | 706.36 | 48.30 | 26.54 | 4.26 | 839.14 | 27.86 | 0.00 | 49.54 | 916.54 | 1596.50 | 2302.86 | 177 |
| Total 2017 | | | 1276.98 | | | | 313.20 | | | | | | |

Household Waste Deposited at Milltown Civic Amentity Site in 2017

| Material type | Suggested EWC codes | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|
| Mixed residual waste (Trans Waste out of facility) | 20 03 01 | 210.72 | 170.56 | 118.20 | 120.20 | 119.64 | 113.06 | 132.18 | 138.58 | 151.86 | 98.12 | 109.36 | 107.70 | 1,590.18 |
| Organic waste (food and garden) | | | | | | | | | | | | | | |
| garden | 20 02 01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Mixed dry recyclables (Ecosence Bags) | 15 01 06 | 0.00 | 6.38 | 0.00 | 16.32 | 12.42 | 15.68 | 14.52 | 13.74 | 15.18 | 12.40 | 13.64 | 19.10 | 139.38 |
| Cardboard, newspaper and other paper | | | | | | | | | | | | | | |
| cardboard packaging | 15 01 01 | 11.20 | 8.80 | 10.900 | 6.88 | 8.84 | 6.62 | 7.66 | 10.20 | 7.40 | 6.94 | 8.54 | 4.92 | 98.90 |
| newspaper and magazines | 15 01 01 | 11.06 | 11.22 | 15.16 | 5.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 43.14 |
| Glass | | | | | | | | | | | | | | |
| glass packaging (bottles) | 15 01 07 | 10.1470 | 7.2520 | 10.1690 | 5.9410 | 5.7810 | 9.3250 | 7.1100 | 6.9080 | 8.0600 | 5.6070 | 6.5050 | 6.4180 | 89.2230 |
| Metals | | | | | | | | | | | | | | |
| aluminium cans (packaging) | 15 01 04 | 0.3180 | 0.2780 | 0.3770 | 0.1950 | 0.1780 | 0.2170 | 0.2170 | 0.2110 | 0.2130 | 0.1500 | 0.2460 | 0.1810 | 2.7810 |
| steel cans (packaging) | 15 01 04 | 1.1020 | 1.0520 | 1.3570 | 0.5870 | 0.6500 | 0.8480 | 0.7930 | 0.7300 | 0.8990 | 0.6500 | 0.5700 | 0.7540 | 9.9920 |
| other metals (scrap metals) | 20 01 40 | 9.70 | 7.30 | 6.28 | 10.32 | 6.48 | 7.12 | 7.28 | 11.22 | 7.10 | 6.78 | 9.28 | 6.20 | 95.0600 |
| Plastic | | | | | | | | | | | | | | |
| plastic packaging (bottles) | 20 01 39 | 5.44 | 5.60 | 7.52 | 1.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 19.94 |
| Textiles | | | | | | | | | | | | | | |
| textiles, non-packaging (clothes) | 20 01 11 | 0.10 | 0.00 | 0.20 | 0.06 | 0.12 | 0.00 | 0.16 | 0.34 | 0.40 | 0.30 | 0.28 | 0.00 | 1.96 |
| Batteries | | | | | | | | | | | | | | |
| lead acid batteries and accumulators (Car Batteries) | 20 01 33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Ni-Cd batteries and accumulators | 20 01 33 | 0.000 | 0.000 | 0.000 | 1.664 | 0.000 | 0.000 | 0.692 | 0.000 | 1.084 | 0.000 | 0.000 | 0.000 | 3.44 |
| Household Hazardous Waste | | | | | | | | | | | | | | |
| Waste mineral oils (Engine Oil) | 13 02 08 | 0.000 | 0.00 | 1.584 | 0.000 | 0.000 | 0.000 | 0.00 | 1.584 | 0.00 | 0.00 | 0.00 | 0.00 | 3.168 |
| Oil filters (vehicles) | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 |
| Oil containers (mineral oil) - plastic + metal | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 |
| Waste cooking or vegetable oils | 20 01 25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.70 | 0.00 | 0.70 |
| Waste paint and varnish (including containers) | 20 01 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Aerosols | 14 06 01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WEEE collected by compliance schemes | | | | | | | | | | | | | | |
| CRT | 20 01 36 | 3.266 | 2.289 | 0.892 | 3.396 | 1.233 | 1.149 | 3.111 | 1.495 | 2.025 | 1.242 | 2.154 | 2.677 | 24.929 |
| SDA - Small Domestic Appliances | 20 01 36 | 4.980 | 3.674 | 1.952 | 5.374 | 2.277 | 2.361 | 5.200 | 3.190 | 4.486 | 2.644 | 6.028 | 3.782 | 45.948 |
| LDA - Large Domestic Appliances | 20 01 36 | 11.020 | 0.000 | 0.000 | 7.307 | 0.000 | 0.000 | 7.260 | 0.000 | 5.442 | 3.878 | 0.000 | 4.020 | 38.927 |
| 0.00 | 20 01 36 | 3.854 | 0.000 | 0.000 | 2.958 | 0.000 | 0.000 | 6.040 | 0.000 | 2.427 | 2.700 | 0.000 | 1.037 | 19.016 |
| Foul Water from Septic Tank Milltown CA | 20 03 04 | 0.00 | 21.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.92 | 13.54 | 0.00 | 0.00 | 0.00 | 45.58 |
| Flourscent Tubes | 20 01 21 | 0.298 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.218 | 0.000 | 0.000 | 0.000 | 0.161 | 0.677 |
| Totals Excluding Mixed Residual Waste & Foul Water | | 72.49 | 53.85 | 56.39 | 68.08 | 37.98 | 43.32 | 60.04 | 49.84 | 54.72 | 43.29 | 47.94 | 49.25 | 682.761 |
| Totals Including Mixed Resicual Waste & Foul Water | | 283.205 | 245.525 | 174.591 | 188.282 | 157.619 | 156.380 | 192.223 | 199.336 | 220.116 | 141.411 | 157.303 | 156.950 | 2,272.94 |

Kerry County Council - All Laboratory Results Report (Lab)

Please note that in accordance with Quality assurance procedures some of this data may be provisional and may be subject to further revision. This data is not validated until issued in report format

parameters marked with * are accredited in this laboratory (for details of scope see sheet attached with this report)

Note 2 : Parameters marked with ** are subcontracted

| Parameter | Temperature | pH* | Conductivity* | B.O.D. | C.O.D. | Chloride* | Ammonia* | Dissolved Oxygen | Suspended Solids | Coliforme* | E. coli* |
|---------------|-------------|-----|---------------|--------|--------|-----------|----------|------------------|------------------|------------|------------|
| Reported Name | | | | | | | | | | | |
| Min. Value | | | | | | | | | | | |
| Max Value | | | | | | | | | | | |
| Units | DEG_C | PH | USCH | BOD | MGL | MGL | MGL/L | MGL | MGL | MPN/100M L | MPN/100M L |
| Surface water | 15.7 | 7.3 | 173 | 13 | 144 | 25.7 | <0.05 | 9.4 | 32 | | |
| Surface water | 17 | 6.8 | 179 | <1.3 | 20 | 27.1 | <0.05 | 7.4 | <1 | | |
| Surface water | 11.3 | 6.5 | 166 | 1.7 | 16 | 27.9 | <0.05 | 10.4 | 28 | 1553 | 8 |
| Surface water | 8.4 | 5.8 | 173 | 1.5 | 46 | 32.5 | <0.05 | 7.8 | 99 | | |
| Surface water | 8.4 | 6.5 | 176 | 1.4 | 55 | 31.5 | <0.05 | 8.3 | 54 | | |
| Surface water | 6.8 | 6.1 | 210 | <1.3 | <10 | 30.1 | <0.05 | 5.8 | <1 | | |
| Surface water | 15.9 | 6.5 | 233 | 4.6 | 40 | 33.3 | 0.26 | 3.6 | 22 | | |
| Surface water | 15.6 | 6.4 | 213 | 4.3 | 33 | 28.2 | 0.56 | 1.8 | 21 | | |
| Surface water | 11.9 | 6.2 | 211 | 2.6 | <10 | 30.4 | 0.21 | 5.6 | 4 | >2420 | >2420 |
| Surface water | 9 | 6.1 | 211 | <1.3 | 38 | 35.3 | 0.11 | 7.1 | 30 | | |
| Surface water | 5.3 | 6.2 | 225 | 1.5 | 15 | 30.7 | 0.15 | 4.2 | 5 | | |
| Surface water | 11 | 6.3 | 274 | 2.2 | <10 | 35.1 | 0.7 | 5.1 | 11 | >2420 | >2420 |
| Surface water | 8.2 | 6.6 | 234 | <1.3 | 26 | 36 | 0.45 | 7.9 | 7 | | |
| Surface water | 5.4 | 6.4 | 218 | <1.3 | 15 | 30.8 | <0.05 | 7.8 | <1 | | |
| Surface water | 11 | 6.8 | 268 | 2 | 16 | 34.8 | 0.45 | 8.5 | 6 | >2420 | >2420 |
| Surface water | 11 | 7 | 267 | 2.1 | 17 | 35.2 | 0.44 | 6.5 | 4 | >2420 | >2420 |
| Surface water | 8.3 | 6.6 | 220 | 1.3 | 32 | 33.8 | 0.28 | 9.1 | 24 | | |

Appendix III – Results of Dust Monitoring 2017



OUR REF: RP 2017 | KERRY COUNTY COUNCIL – MILLTOWN CIVIC AMENITY SITE | 38711 C (Rev 00)

PAGE 01 \ 01

ANALYSIS REPORT

| | | | |
|----------------------|---|--|-------------------------------|
| CUSTOMER: | KERRY COUNTY COUNCIL MILLTOWN CIVIC AMENITY SITE | SAMPLE TYPE: | BERGERHOFF DEPOSIT GAUGE |
| ADDRESS: | - | CONDITION OF SAMPLE ON RECEIPT: | Satisfactory |
| REPORT TO: | PAULO CONNOR | DATE SAMPLED: | 01 August – 05 September 2017 |
| SAMPLED BY: | Danny O Leary, Southern Scientific Services Ltd | DATE RECEIVED: | 05 September 2017 |
| SAMPLING PT: | MILLTOWN CIVIC AMENITY SITE | DATE ANALYSED: | 13 – 26 September 2017 |
| PROPOSAL REF: | - | DATE REPORTED: | 06 October 2017 |
| | | WORK NO: | 38711 C 17P-038 |

TABLE OF RESULTS – DUST ANALYSIS (F)

| Method: | Lab Ref: | Your Ref: | TOTAL PARTICULATES mg /m ³ / day | INORGANIC PARTICULATES mg /m ³ / day | Limit mg/m ³ /day (Supplied by Customer) |
|---------|-------------|-----------------|--|--|---|
| SCP 039 | C17-Sep 077 | ST 1 – Milltown | 159 | 42 | 350 |
| SCP 039 | C17-Sep 078 | ST 2 – Milltown | 350 | 131 | 350 |
| SCP 039 | C17-Sep 079 | ST 3 – Milltown | 78 | 24 | 350 |

Ruth Murphy
Ruth Murphy
Deputy Chemistry Laboratory Manager

Index to symbols used:

| | |
|-----|--|
| * | Analysis is not INAB accredited. |
| (F) | Analysis carried out at our Ferranfere Laboratory. |

- The results relate only to the items tested.
- Opinions and interpretations expressed herein are outside the scope of INAB accreditation.
- The analysis report shall not be reproduced except in full without written approval of the laboratory.
- Sampling time is outside the scope of this test. This time is used to calculate the results.

Appendix IV – Noise Monitoring Report 2017



**southern scientific
services ltd**

ENVIRONMENTAL NOISE SURVEY 2017

MILLTOWN WASTE TRANSFER STATION

BALLYVIRRANE

MILLTOWN

CO KERRY

W0069-01

| | |
|-----------------------|--|
| Requested By: | P. O' Connor Kerry County Council |
| Prepared By: | Sinead Fagan Southern Scientific Services Ltd |
| Date Reported: | 16 th February 2018 |
| Our Reference: | 17P 062 |

| Issue Date | Revision | Checked By | Comment |
|-------------------|-----------------|---|----------------|
| 23/02/2018 | 00 | P. Byrne (B.Sc; Ph.D) Cert. Env. Noise (IOA) | Final report |

4park business centre | farranfore | county kerry | ireland | telephone +353 66 9763588 fax +353 66 9763589
email: info@southernscientificireland.com

Registered in Ireland No. 323196 VAT Reg. No. IE 6343196 M



Figure 1: Site layout showing monitoring positions B1 – B5

Noise from the waste transfer station is not clearly audible at the noise sensitive locations. The noise environment at the noise sensitive locations is significantly impacted by road traffic. The waste transfer station does not generate noise at night-time when nearby receptors are likely to be more sensitive to noise. It is therefore concluded that, overall, activities at the waste transfer station are not adversely impacting on the noise environment at the nearest noise sensitive receptors.

Appendix V – AER/PRTR Workbook Return 2017



| PRTR#: W0069 | Facility Name : Milltown Transfer Station | Filename : W0069_2017.xls | Return Year : 2017 |

[Guidance to completing the PRTR workbook](#)

PRTR Returns Workbook

Version 1.1.19

| | |
|-----------------------|------|
| REFERENCE YEAR | 2017 |
|-----------------------|------|

1. FACILITY IDENTIFICATION

| | |
|----------------------------|---------------------------|
| Parent Company Name | Kerry County Council |
| Facility Name | Milltown Transfer Station |
| PRTR Identification Number | W0069 |
| Licence Number | W0069-01 |

Classes of Activity

| No. | class_name |
|-----|--------------------------------------|
| - | Refer to PRTR class activities below |

| | |
|--|---|
| Address 1 | Ballyvrrane |
| Address 2 | Milltown |
| Address 3 | |
| Address 4 | |
| Country | Kerry |
| Country | Ireland |
| Coordinates of Location | -9.70743 52.1285 |
| River Basin District | IESW |
| NACE Code | 3821 |
| Main Economic Activity | Treatment and disposal of non-hazardous waste |
| AER Returns Contact Name | Alan Kennelly |
| AER Returns Contact Email Address | alan.kennelly@kerrycoco.ie |
| AER Returns Contact Position | EE |
| AER Returns Contact Telephone Number | 0667162014 |
| AER Returns Contact Mobile Phone Number | 0879088205 |
| AER Returns Contact Fax Number | 0667162001 |
| Production Volume | 0.0 |
| Production Volume Units | |
| Number of Installations | 0 |
| Number of Operating Hours in Year | 0 |
| Number of Employees | 2 |
| User Feedback/Comments | 3 employees between Milltown & Coolcashlagh Waste cooking oil (EWC 20 01 25) - 0.7 Tonnes collected Waste paint & varnish (EWC 20 01 27) - 0.0 tonnes collected Waste aerosols (EWC 14 06 01) - 0.0 tonnes collected |
| Web Address | www.kerrycoco.ie |

2. PRTR CLASS ACTIVITIES

| Activity Number | Activity Name |
|-----------------|---------------|
| 50.1 | General |
| 50.1 | 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) ? | |
|--|--|

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

| POLLUTANT | | METHOD | | | Please enter all quantities in this section in KGs | | | |
|--------------|------|--------|-------------|----------------------------|--|-------------------|------------------------|----------------------|
| No. Annex II | Name | M/C/E | Method Code | Designation or Description | ADD EMISSION POINT | QUANTITY | | |
| | | | | | Emission Point 1 | T (Total) KG/Year | A (Accidental) KG/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 (Column B) then click the delete button

SECTION B : REMAINING PRTR POLLUTANTS

| POLLUTANT | | METHOD | | | Please enter all quantities in this section in KGs | | | |
|--------------|------|--------|-------------|----------------------------|--|-------------------|------------------------|----------------------|
| No. Annex II | Name | M/C/E | Method Code | Designation or Description | ADD EMISSION POINT | QUANTITY | | |
| | | | | | Emission Point 1 | T (Total) KG/Year | A (Accidental) KG/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 (Column B) then click the delete button

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

| POLLUTANT | | METHOD | | | Please enter all quantities in this section in KGs | | | | | |
|---------------|------|--------|-------------|----------------------------|--|------------------|------------------|-------------------|------------------------|----------------------|
| Pollutant No. | Name | M/C/E | Method Code | Designation or Description | ADD EMISSION POINT | QUANTITY | | | | |
| | | | | | Emission Point 1 | Emission Point 2 | Emission Point 3 | T (Total) KG/Year | A (Accidental) KG/Year | F (Fugitive) KG/Year |
| 210 | Dust | | | Bergerhoff Instruments | 150.0 | 150.0 | 78.0 | 378.0 | 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

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: **Milltown Transfer Station**

Please enter summary data on the quantities of methane flared and / or utilised

| | T (Total) kg/Year | M/C/E | Method Used | | Facility Total Capacity m3 per hour |
|--|-------------------|-------|-------------|----------------------------|-------------------------------------|
| | | | Method Code | Designation or Description | |
| 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 |

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

| PRTR#: W0069 | Facility Name : Milltown Transfer Station | Filename : W0069_2017.xls | Return Year : 2017 |

29/03/2018 11:46

Please enter all quantities on this sheet in Tonnes

3

| 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 | Haz Waste : Address of Next Destination Facility | 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) |
|----------------------|---------------------|-----------|----------------------------|---|---------------------------|---|--|-----------------------|---|--|--|--|
| | | | | | | Non Haz Waste: Name and Licence/Permit No of Recover/Disposer | Non Haz Waste: Address of Recover/Disposer | | | | | |
| Within the Country | 13 02 08 | Yes | 3.168 | other engine, gear and lubricating oils | R1 | M | Weighed | Offsite in Ireland | ENVA Ireland, W0184-01 Dillon Waste Ltd, WFP KY | ENVA Ireland Ltd, Clonminam , Portlaoise, Co Laois, Ireland The Keries, , Tralee, County Kerry, Ireland | ENVA Ireland, W0184-01, ENVA Ireland, Clonmainam, Portlaoise, Co Laois, Ireland | ENVA Ireland, Clonmainam, Portlaoise, Co Laois, Ireland |
| Within the Country | 15 01 01 | No | 98.9 | paper and cardboard packaging | R3 | M | Weighed | Offsite in Ireland | Dillon Waste Ltd, WFP KY 10-001 | Dillon Waste Ltd, WFP KY 10-001 The Keries, , Tralee, County Kerry, Ireland | | |
| Within the Country | 15 01 02 | No | 19.94 | plastic packaging | R3 | M | Weighed | Offsite in Ireland | Dillon Waste Ltd, WFP KY 10-001 | Dillon Waste Ltd, WFP KY 10-001 The Keries, , Tralee, County Kerry, Ireland | | |
| Within the Country | 15 01 04 | No | 12.773 | metallic packaging | R4 | M | Weighed | Offsite in Ireland | Dillon Waste Ltd, WFP KY 10-001 | Dillon Waste Ltd, WFP KY 10-001 Aughacureen, , Killarney Kerry, Ireland | | |
| Within the Country | 15 01 06 | No | 139.38 | mixed packaging | R3 | M | Weighed | Offsite in Ireland | Killarney Waste Disposal Ltd., W0217-01 | Killarney Waste Disposal Ltd., W0217-01 Dillon Waste Ltd, WFP KY 10-001 The Keries, , Tralee, County Kerry, Ireland | | |
| Within the Country | 15 01 07 | No | 89.223 | glass packaging | R5 | M | Weighed | Offsite in Ireland | Dillon Waste Ltd, WFP KY 10-001 | Dillon Waste Ltd, WFP KY 10-001 The Keries, , Tralee, County Kerry, Ireland | | |
| To Other Countries | 16 02 11 | Yes | 19.016 | discarded equipment containing chlorofluorocarbons, HCFC, HFC | R4 | M | Weighed | Abroad | Electrical Waste Management, WFP-DS-11-0014-04 | Block 648, Jordanstown Drive, Greenogue Ind. Estate, Dublin, Ireland | European Metal Recycling Ltd, WML 101767, Alexander Dock 1, Bootle, Liverpool, L201BX, U nited Kingdom | Alexander Dock 1, Bootle, Liverpool, L201BX, U nited Kingdom |
| To Other Countries | 16 02 14 | No | 38.927 | discarded equipment other than those mentioned in 16 02 09 to 16 02 13 | R4 | M | Weighed | Abroad | Electrical Waste Management, WFP-DS-11-0014-04 | Block 648, Jordanstown Drive, Greenogue Ind. Estate, Dublin, Ireland | | |
| Within the Country | 19 07 03 | No | 45.58 | landfill leachate other than those mentioned in 19 07 02 | D8 | M | Weighed | Offsite in Ireland | Irish Water Milltown Wastewater treatment plant, D0331 - 01 | Milltown, Co Kerry, , , Ireland The Keries, , Tralee, County Kerry, Ireland | | |
| Within the Country | 20 01 01 | No | 43.14 | paper and cardboard | R3 | M | Weighed | Offsite in Ireland | Dillon Waste Ltd, WFP KY 10-001 | Dillon Waste Ltd, WFP KY 10-001 The Keries, , Tralee, County Kerry, Ireland | | |
| Within the Country | 20 01 08 | No | 0.0 | biodegradable kitchen and canteen waste | R3 | M | Weighed | Offsite in Ireland | Killarney Waste Disposal Ltd., W0217-01 | Killarney Waste Disposal Ltd., W0217-01 County Kerry, Ireland | | |
| Within the Country | 20 01 11 | No | 1.96 | textiles | R3 | M | Weighed | Offsite in Ireland | Textile Recycling Ltd., WPR-014/2 | Textile Recycling Ltd., WPR-014/2 Road, Tallaght, Dublin, 24, Ireland | | |
| To Other Countries | 20 01 21 | Yes | 0.677 | fluorescent tubes and other mercury-containing waste | R5 | M | Weighed | Abroad | KMK Metals, W0113-01 | Cappincur Industrial Estate, , Tullamore, County Offaly, Ireland | Alba Service GmbH & Co. KG, E56657020, Kanalstrasse 64, , Rheine, 48432, Germany | Kanalstrasse 64, , Rheine, 48432, Germany |
| Within the Country | 20 01 34 | No | 3.44 | batteries and accumulators other than those mentioned in 20 01 33 | R4 | M | Weighed | Offsite in Ireland | ENVA Ireland, W0184-01 | ENVA Ireland Ltd, Clonminam , Portlaoise, Co Laois, Ireland | | |
| Within the Country | 20 01 35 | Yes | 45.948 | discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components | R4 | M | Weighed | Offsite in Ireland | Electrical Waste Management, WFP-DS-11-0014-04 | Block 648, Jordanstown Drive, Greenogue Ind. Estate, Dublin, Ireland | The Recycling Village, WFP/MH/11/0005/01 , Unit 21 Duleek Business Park, Commons, Duleek, Cou nty Meath, Ireland | Unit 21 Duleek Business Park, Commons, Duleek, Cou nty Meath, Ireland |
| To Other Countries | 20 01 35 | Yes | 24.929 | discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components | R4 | M | Weighed | Abroad | Electrical Waste Management, WFP-DS-11-0014-04 | Block 648, Jordanstown Drive, Greenogue Ind. Estate, Dublin, Ireland | European Metal Recycling Ltd, WML 101767, Alexander Dock 1, Bootle, Liverpool, L201BX, U nited Kingdom | Alexander Dock 1, Bootle, Liverpool, L201BX, U nited Kingdom |
| Within the Country | 20 01 40 | No | 95.06 | metals | R4 | M | Weighed | Offsite in Ireland | United Metals, WFP-LKC-10-001-02 | Ballysimon Road, Limerick, , , Ireland Aughacureen, , Killarney Kerry, Ireland | | |
| Within the Country | 20 03 01 | No | 1590.18 | mixed municipal waste | R12 | M | Weighed | Offsite in Ireland | Killarney Waste Disposal Ltd., W0217-01 | Killarney Waste Disposal Ltd., W0217-01 County Kerry, Ireland | | |