Kerry County Council



Waste Licence Ref No. W0087-01

REPORT TITLE

Caherciveen Transfer Station Annual Environmental Report

Reporting Period:

January 2011 – December 2011

Prepared By: Environmental Service Section, Kerry County Council, Maine Street, Tralee Co. Kerry.

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1.0 Introduction

Kerry County Council operates a waste transfer and recycling facility located in the townland of Inchamacteige, approximately 3 km south east of the town of Caherciveen, Co. Kerry. The site is accessed via a small access road branching off the county road L7006 which intersects with the N70 approximately 2 km to the north of the site.

The principal activity of the Transfer Station is the compaction of solid waste into 30 cubic metre closed containers for subsequent transfer and disposal at North Kerry Landfill in Muingnaminane, Tralee.

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. Small quantities of organic waste are also collected for transfer to North Kerry Landfill for composting.

This Annual Environment Report is prepared in accordance with Condition 2.8 and Schedule B of Waste Licence W0087-01 issued by the Environmental Protection Agency (EPA).

2.0 Reporting Period

The reporting period for this Annual Environmental Report is 1st January 2011 – 31st December 2011.

3.0 Waste Activities Carried out at the Facility

Waste disposal activities carried out at Caherciveen Transfer Station are in accordance with Part 1 of Waste Licence W0087-01 which outlines the waste disposal

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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 Caherciveen Transfer Station are in accordance with Part 1 of Waste Licence W0087-01 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 and Composition of Waste Received, Disposed and Recovered: 1st Jan – 31st Dec 2011

Waste tonnage disposed of at Caherciveen Transfer Station during the reporting year (2011) decreased by 19% on the previous year (2010). This is primarily due to the downturn in the economy resulting in a significant change in the disposal habits of members of the public. The quantity of construction and demolition waste delivered directly to the facility has significantly reduced.

The weight of the waste accepted into Caherciveen Transfer Station Facility for disposal for the reporting period was 1,032.38 Tonnes. This comprises of the following breakdown:

| Waste for Disposal | Tonnes | | |
|------------------------------|---------|----------|----------|
| | 2009 | 2010 | 2011 |
| Municipal waste collected by | 664.98 | 459.70 | 370.06 |
| Local Authority & Private | | | |
| Contractors | | | |
| Commercial & Industrial | 102.72 | 195.85 | 149.89 |
| | | | |
| Road Sweepings & Graveyard | 44.74 | 38.36 | 30.86 |
| Waste | | | |
| Flytipping | 28.06 | 27.14 | 34.36 |
| | | | |
| Public Domestic | 714.08 | 558.45 | 447.21 |
| | | | |
| Total for Disposal | 1554.58 | 1,279.50 | 1,032.38 |

Table 1 Waste Stream Break down for reporting Period.

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Overall the quantities of waste sent for recycling decreased by 12% in comparison to last year. Decreases were particularly noticeable for dry recyclables, glass, newspapers, batteries, metals, aluminium, cardboard, textiles and WEEE. Waste sent for recycling during the reporting period compared with previous years is outlined in Table 2 below.

| Waste for Recycling & Recovery | Tonnages 2008 | Tonnages 2009 | Tonnages 2010 | Tonnages 2011 |
|--------------------------------|------------------|------------------|---------------------|--------------------|
| Metals | 0 | 28.70 | 43.78 | 31.53 |
| Glass | 17.8. | 20.55 | 19.57 | 14.28 |
| Aluminium | 0.66 | 0.77 | 0.82 | 0.66 |
| Batteries | 1.7 | 5.46 | 1.61 | 0.59 |
| Newspapers | 67.0 | 66.9 | 54.16 | 49.20 |
| Cardboard | 0 | 4.82 | 7.42 | 3.06 |
| Fluorescent Tubes | 0 | 0 | 0 | 0.28 |
| Domestic Hazardous | 0.13 | 0.6est | 0 | 0 |
| Waste | | | | |
| Plastic Bottles | 4.57 | 4.81 | 5.4 | 5.56 |
| Waste Engine Oil | 0 | 1.88 | 0 | 1.33 |
| WEEE | 95.71 | 72.39 | 76.32 | 75.57 |
| Dry Recyclables | 4.8 | 243.2 | 161.68 ¹ | 15.08 ¹ |
| Organics | 0 | 0 | 0 | 0 |
| Textiles | 2.84 | 2.78 | 2.14 | 1.36 |
| Total for | 195.21 | 453.09 | 224.62 | 198.50 |
| Recycling/Recovery | | | | |

¹Dry recyclables collected in eco sense bags and from KCC kerbside collection trucks

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

Appendix I contains a breakdown of waste by classification collected on site and recovered/recycled off site during the reporting period.

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

It is expected that waste disposal rates and recycling/recovery rates at Caherciveen Transfer Station will continue to decrease in the next reporting period mainly due to the weak economic environment and the increasingly competitive waste industry.

6.0 Summary Report on Emissions for the Reporting Period

a) Foul Water Emissions

The foul water discharge is monitored quarterly. The results are sent to the EPA and are also available at the Caherciveen facility. No significant exceedances of limits were noted during this reporting period. A Puraflow Wastewater Treatment Unit is installed at the facility to treat all foul waters from the site.

b) Surface Water Emissions

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

c) Waste from Silt Traps and Interceptors

A total of 30 Tonnes of silt/sludge and wastewater were removed from the silt trap and the foul water treatment unit during the reporting period and disposed of at Tralee Wastewater Treatment Plant.

7.0 <u>Summary of Results and Interpretations of Environmental</u> <u>Monitoring</u>

a) Dust monitoring

Dust Monitoring was carried out at the facility in July/August 2011. The dust monitoring results were within the emission limit value specified in the licence except for Station 2. However, the total inorganic particulates recorded at Station 2 were well below the emission limit value indicating high levels of organic matter which in all probability originated from the considerable number of trees and vegetation near this

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monitoring station. I can confirm that no significant dust was created as a result of operations at the facility during 2011 and no complaints were received in relation to dust at the facility.

b) Noise monitoring.

Noise monitoring was carried out at the facility by Southern Scientific Services on the 7th December, 2011. The noise monitoring report is available at the facility and was forwarded separately to the EPA inspector. The noise report concludes that the noise limit prescribed in the Waste Licence is being complied with at all noise monitoring locations and that activities at the waste transfer station are not adversely impacting on the noise environment at the nearest noise sensitive location. The waste transfer station does not generate noise at night-time when the facility is closed.

There were no issues with noise during 2011 and no complaints were received in relation to noise at the facility. The results over the years have shown that the facility caused no noise nuisance to neighbours.

c) Monitoring of surface water.

The surface water monitoring results are attached in Appendix II. Visual inspections indicate some discolouration at SW5 and surface water monitoring indicates high levels of Ammonia signifying deterioration in status at SW5 in recent years which would appear to be due to legacy or old landfill activities.

As indicated in earlier reports the nearest point on Carhan downstream of landfill/transfer station still denotes a *Q value of 4* which denotes a water of good quality. The point on the stream which is a tributary of Carhan Stream, just downstream of the transfer station also scores quiet highly on SSRS investigation. However, while the impact from old legacy landfill activities may not yet be evident on surface water quality, this does not eliminate the possibility of a future impact. Therefore, Kerry County Council proposes to carry out a survey of groundwater boreholes on and off site in 2012 (last surveyed in 2006).

d) Foul Water

The foul water emissions results are attached in Appendix II. The results of samples from the foul water emissions show an effluent of acceptable quality during the reporting period.

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e) Landfill gas

The levels of methane gas and carbon dioxide recorded have reduced significantly (2011 average $CH_4 - 0.25 \% \text{ v/v}$, & $CO_2 - 0.1\% \text{ v/v}$) compared to 2008 and 2009. The landfill gas monitoring results are attached in Appendix III.

8.0 Resource and Energy Consumption Summary

The following is the energy consumption for Caherciveen Transfer Station for the reporting period.

8.1 Diesel

The diesel usage for Caherciveen Transfer Station for the reporting period 2011 was 1,600 litres. The primary usage of diesel is for the rubber tyred excavator on site, waste compactor and the oil burner in the steam washer.

8.2 Electricity

The electricity usage for the facility during the reporting period was 6,187 kilowatt hours.

Power is required for the office computer and lighting, weighbridge, waste compactor, storage heating, water pumping, cardboard baler and public lighting on the site.

8.3 Water

Water supply is from a groundwater borehole on site. Water usage for the facility during the reporting period was estimated to be 80,000 litres. Water is mainly used on site for power washing yards, transfer station apron and hopper and washing of trucks where required.

9 Report on Development Works Undertaken during the Reporting Period

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

No development works are proposed at the facility for 2011.

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11 Schedule of Environmental Objectives and Targets for the Forthcoming Year

| Target Area | Objective | Works Required |
|-----------------------------|------------------------|---------------------------------|
| Surface Water Emissions | Keep Surface Water | Regular inspection of surface |
| | Emissions within | water drains. |
| | agreed limits | Regular monitoring of results |
| | | from Surface Water |
| | | Monitoring Points. |
| Litter – On public roads to | Reduction in the | Regular inspections and clean |
| facility | number of bags of | up of approach roads. |
| | waste/litter lost from | Quick response to clean up |
| | trailers on the way to | any reported waste on the |
| | the facility | approach roads to the facility |
| Energy Resources | Reduce the quantity of | Avail of night rate tariffs for |
| | diesel and electricity | electricity |
| | used on site | |
| Waste Records | | Introduction of new computer |
| | | system on site to record waste |
| | | transactions with connection |
| | | to KCC network |

12 Report on Progress towards achievement of the 2009 Environmental Objectives and Targets

| Objective | Target | Progress |
|----------------------------|------------------------|----------------------|
| Keep Surface Water | Regular monitoring & | Ongoing |
| Emissions within limits | Inspections | |
| Reduction in Litter on | Regular inspection & | Reducing & Ongoing |
| Public Roads to facility | clean up of roads | |
| Reduction in use of Energy | Reduce quantity of | Decreasing & Ongoing |
| Resources | diesel and electricity | |
| | used on site | |
| Increase collection of | Increase promotion & | Ongoing |
| Cardboard and Textiles | marketing | |
| Purchase lands to | Reach agreement with | Ongoing |
| facilitate widening of | landowner by December | |
| access road to site | 2011 | |

13 Summary of Procedures Developed by the Licensee

The following procedures were developed during the reporting period:

- Revised Operational Procedures for Facility Manager
- Revised Health & Safety Procedures

14 Reported Incidents and Complaints

No incidences or complaints were reported in relation to the operation of the facility during the reporting period.

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15 Report on Financial Provision

a) Statement of Costs for Waste Operations at Facility

| | Waste 2011 | | | | |
|---------|--|----------------|--|--|--|
| Accelem | Accelem(T) | Total Charge € | | | |
| 60030 | Wages | 26,930.02 | | | |
| 60040 | Salaries | 8,561.86 | | | |
| 60100 | ER PRSI | 5,199.40 | | | |
| 60200 | Overtime | 12,759.75 | | | |
| 60300 | Arrears | 47.28 | | | |
| 60500 | Annual Leave | 3,404.05 | | | |
| 60510 | Bank Holiday Leave | 1,073.20 | | | |
| 60600 | Travel/Subsistence | 2,865.39 | | | |
| 61990 | Other Allowances | 1,635.93 | | | |
| 65500 | Minor Contracts- Trade Services & other works | 30,158.53 | | | |
| 69000 | Hire (Ext) - Plant/Transport/Machinery & Equipment | 1,265.50 | | | |
| 69200 | Repairs & Maint - Plant | 286.60 | | | |
| 69260 | Repairs & Maint - Other Equip | 8.26 | | | |
| 69400 | Transfers from Machinery Yard | 2,233.50 | | | |
| 69600 | Other Vehicle Expenses | 114.40 | | | |
| 70000 | Materials | 431.61 | | | |
| 70990 | Issues from Stores | 3,188.63 | | | |
| 70991 | Returns to Stores | -18.49 | | | |
| 71000 | Insurance | 98.83 | | | |
| 73400 | Staff Travelling & Subsistence Expenses | 1,926.85 | | | |
| 75000 | Computer Software and Maintenance Fees | 6,314.00 | | | |
| 76000 | Communication Expenses | 552.07 | | | |
| 77100 | Courier | 25.00 | | | |
| 77200 | Security - Property | 136.50 | | | |
| 78000 | Training | 40.28 | | | |
| 79900 | Consultancy/Professional Fees and Expenses | 610.75 | | | |
| 80000 | Advertising | 1,998.44 | | | |
| 81000 | Printing & Office Consumables | 324.49 | | | |
| 82100 | Statutory Contributions to Other Bodies | 5,493.38 | | | |
| 86000 | Energy | 2,560.16 | | | |
| | TOTAL | 120,226.17 | | | |

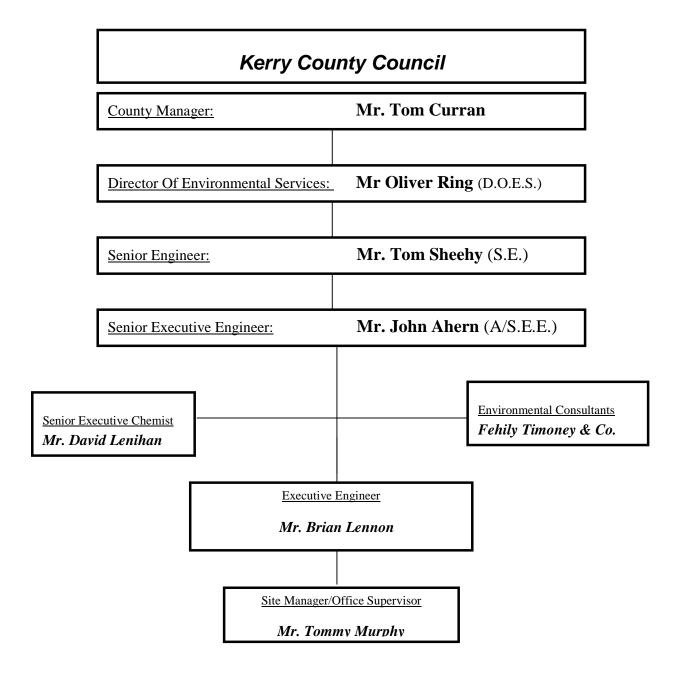
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b) Statement of Costs for Recycling Operations at Facility

| Recycling 2011 | | | |
|----------------|--|----------------|--|
| Accelem | Accelem(T) | Total Charge € | |
| 60030 | Wages | 6,149.42 | |
| 60040 | Salaries | 2,853.87 | |
| 60100 | ER PRSI | 1,199.10 | |
| 60200 | Overtime | 2,437.42 | |
| 60300 | Arrears | 15.76 | |
| 60500 | Annual Leave | 519.83 | |
| 60510 | Bank Holiday Leave | 134.15 | |
| 60600 | Travel/Subsistence | 616.95 | |
| 61990 | Other Allowances | 351.09 | |
| 66500 | Non-Capital Equip Purchase - Fire Services | 90.00 | |
| 67500 | Non-Capital Equip Purchase - Computers | 992.00 | |
| 68500 | Non-Capital Equip Purchase - Other | 14.01 | |
| 69200 | Repairs & Maint - Plant | 56.99 | |
| 70000 | Materials | 477.24 | |
| 73400 | Staff Travelling & Subsistence Expenses | 777.48 | |
| 76000 | Communication Expenses | 266.78 | |
| 77200 | Security - Property | 58.50 | |
| 78000 | Training | 10.07 | |
| 79900 | Consultancy/Professional Fees and Expenses | 111.75 | |
| 82100 | Statutory Contributions to Other Bodies | 2,354.30 | |
| 86000 | Energy | 223.59 | |
| | TOTAL | 19,710.30 | |

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16 Management and Staffing Structure at Facility 2011



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17 Programme of Public Information

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

- AER of previous reporting years
- 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
- Waste Acceptance Procedure
- Information on Recycling Initiatives e.g. leaflets.
- Environmental Management System.

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Appendix I - Waste Collected at Caherciveen Transfer Station and Recovered/Recycled offsite during reporting period

| | | Caherciveen | |
|---|----------------------------|--------------------|----------------------------|
| Material type | Suggested EWC Codes | Household Waste | Non- Household Waste |
| (If you must depart from this list, please provide details on a separate sheet) | (overwrite as appropriate) | | |
| mixed residual waste | 20 03 01 | | |
| organic waste (food and garden) Total | 20 01 08; 20 02 01 | - | - |
| if segregated, provide specific information on food and garden waste | | | |
| food | 20 01 08 | - | |
| garden | 20 02 01 | - | |
| mixed dry recyclables (eco- bags) | 15 01 06; 20 03 01 | 12.20 | 2.88 |
| cardboard, newspaper and other paper (Total) | 15 01 01; 20 01 01 | 59.02 | - |
| if segregated, provide the breakdown of cardboard and paper in the rows below | | | |
| *cardboard packaging | 15 01 01 | 9.82 | |
| cardboard non-packaging | 20 01 01 | _ | |
| paper packaging | 15 01 01 | _ | |
| paper non-packaging | 20 01 01 | - | |
| *newspaper and magazines | 20 01 01 | 49.20 | |
| glass (Total) | 15 01 07; 20 01 02 | 14.28 | - |
| if segregated, provide the breakdown of glass in the next two rows | | | |
| glass packaging(bottles) | 15 01 07 | 14.28 | |

| glass non-packaging(sheet) | 20 01 02 | _ | |
|--|-------------------------------------|-------|---|
| metals (Total) | 15 01 04; 20 01 40 | 32.19 | - |
| if segregated, provide the breakdown of metals in the next four rows | | | |
| aluminium cans (packaging) | 15 01 04 | 0.66 | |
| steel cans (packaging) | 15 01 04 | 1.86 | |
| other metal packaging | 15 01 04 | - | |
| other metals (non- packaging)(scrap) | 20 01 40 | 29.66 | |
| plastic (Total) | 15 01 02; 20 01 39 | 5.56 | - |
| if segregated, provide the breakdown of plastic waste in the next two rows | | | |
| plastic packaging(bottles) | 15 01 02 | 5.56 | |
| plastic non-packaging | 20 01 39 | - | |
| textiles (Total) | 15 01 09; 20 01 11 | 1.36 | - |
| if segregated, provide the breakdown of textiles in the next two rows | | | |
| textiles, packaging | 15 01 09 | _ | |
| textiles, non-packaging | 20 01 11 | 1.36 | |
| wood (Total) | 15 01 03; 20 01 38; 20 01 37* | 1 | 1 |
| if segregated, provide the breakdown of wood waste in the next four rows | | | |
| wood packaging | 15 01 03 | _ | |
| wood non-packaging | 20 01 38 | - | |
| mixed, uncontaminated wood | 15 01 03; | | |
| packaging and non-packaging | 20 01 38 | _ | |
| wood, treated, hazardous | 20 01 37* | - | |
| miscellaneous hazardous waste (Total) | | 1.92 | - |
| small batteries | 20 01 34; 20 01 33* | 0.59 | |

| lead acid batteries (Car Batteries) | 16 06 01* | - | |
|---|--|--------|---|
| Ni-Cd batteries and Accumulators | 16 06 02* | - | |
| waste mineral oils (lubrication, vehicle, machine etc.) | 13 xx xx | 1.33 | |
| oil filters (vehicles) | | - | |
| oil containers (mineral oil) - plastic + metal | | - | |
| waste cooking or vegetable oils | 20 01 25 | - | |
| aerosols | 20 03 99 | _ | |
| waste paint and varnish (including containers) | | - | |
| WEEE (Total) | various | 75.574 | - |
| if segregated, provide the | | | |
| breakdown of WEEE in the next five rows | | | |
| · · | 20 01 35*; 20 01 36; 16 02 11*; 16 02 14 | 11.144 | |
| next five rows | 20 01 36; 16 02 11*; | 35.963 | |
| next five rows fridges and freezers white goods (electrical and | 20 01 36; 16 02 11*; 16 02 14 20 01 36; | | |
| next five rows fridges and freezers white goods (electrical and electronic) | 20 01 36; 16 02 11*; 16 02 14 20 01 36; 16 02 14 20 01 35*; | 35.963 | |

| Gas Cylinders | | | |
|---|-----------|------|---|
| C& D Rubble | | | |
| fluorescent tubes and lighting | 20 01 21* | 0.28 | - |
| Tyres | 16 01 03 | | |
| Ink Cartridges | 08 01 11 | | |
| bulky waste (provide summary below of waste types), e.g. Furniture, Mattresses, Mixed Bulky Waste | 20 03 07 | | |

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Appendix II - Results of Foul and Surface Water Monitoring

Attn: Brian Lennon EE Waste Management Tuesday, 01 May 2012
Re: LABORATORY Results for Caherciveen Transfer stations: Jan 2011 to Jan 2012

Enclosed are results (2003 – date) of monitoring of designated Surface water points and Foul emission point sampled as set out in EPA licence conditions for *CAHERCIVEEN Transfer station* The latest results are for Jan 2011 – Jan 2012. Refer also to *app 1: details of sample locations*

Significant deterioration in status at SW5 was noted in recent years by high level of Ammonia. This has been borne out by recent measurements An examination of discharge from transfer station since 2003 i.e. <u>Se1</u> shows an effluent of acceptable quality.

The contamination at SW5 would therefore seem to indicate that elevated levels (62 mg/L NH4, on 27th July last) are due to legacy or old landfill activities

As indicated in earlier reports the nearest point on Carhan downstream of landfill/transfer station still denotes a Q value = 4 which denotes a water of good quality.

The point on stream which is a tributary of Carhan stream, just downstream of transfer station also scores quiet highly on SSRS investigation. However the impact from transfer station or old legacy landfill activities while they may not yet be evident on surface water quality does not eliminate possibility of a future impact. We propose this year to do a survey of groundwater boreholes on and off site which were last surveyed in 2006

David Lenihan MSc

Senior Executive Chemist

| | Appendix1: Details Sampling points referred to in report | | | | | |
|-----------------------------|---|-------------------------|---------------------|----------------------|--|--|
| <u>Location</u> | <u>comments</u> | old or alternative name | Location Easting | Location Northing | | |
| | | | | | | |
| Surface water | | | ' | | | |
| Off site sampling pts | | | | | | |
| Sw1 | Stream upstream of Landfill | | 50364.7 | 78554.9 | | |
| SW6 | Point on carhan river u/s of impact from landfill | | 50828.1 | 79458.5 | | |
| SW7 | Point on carhan river u/s of impact from landfill | | 49666 | 79781.7 | | |
| | | | | | | |
| On site sampling pts | | | | | | |
| Sw3 | Drain half way along northern perimeter fence | | 50057.4 | 78929.6 | | |
| SW4 | At Drain inside wirefence opposite weighbridge (u/s Landfill) | | 50061 | 78733 | | |
| SW5 | Drain downstream of I SW3 at comer of landfill | | 50055 | 79046 | | |
| | | | | | | |
| <u>Leachate</u> | | | | | | |
| Outlet from treatment plant | | | | | | |
| SE 1 | | | 50105 | 78767 | | |

Table 1 Foul Water Monitoring Results

| Landfill | Location | Sample Reference | Sample Date | Sample Time | Ammonium (NH4) | Hd | BOD (O2) | Conductivity @ 20 oC | Chemical Oxygen Demand (02) | Suspended Solids | Temperature | Oils/Fats & Grease | Oils/Fats & Grease |
|-------------|----------|---------------------|----------------|----------------|----------------|-------------|----------|----------------------|-----------------------------|------------------|--------------|--------------------|--------------------|
| | | | | | mg/l | pH units | mg/l | μS/cm | mg/l | mg/l | Degrees C | mg/l | Descriptive |
| | | | 23-Jan- | | | | | | | | | | |
| Caherciveen | Se1 | 2003/0389 | 03 23-Apr- | 11:50 | 0.26 | 7.5 | 1 | 318 | 64 | 1.5 | | 8 | |
| Caherciveen | Se1 | 2003/2067 | 03 22-Jul- | 14:00 | 0.91 | 7.2 | 3 | 296 | 69 | 8 | | 2 | |
| Caherciveen | Se1 | 2003/3931 | 03 03-Oct- | 13:33 | 1.14 | 7 | 4.7 | 366 | 137 | 70 | 15.7 | 3 | |
| Caherciveen | Se1 | 2003/5505 | 03 | 12:00 | 0.92 | 6.6 | 5.8 | 527 | 145 | 28 | 18.7 | 4.5 | |
| Caherciveen | Se1 | 2004/0979 | 20-Feb- 04 | 16:20 | | | 5 | | 113 | 70 | | 2 | |
| Caherciveen | Se1 | 2004/1909 | 22-Apr- 04 | 10:40 | 0.03 | 6.8 | 1.7 | 273 | 75 | 32 | | 7.6 | |
| Caherciveen | Se1 | 2004/3706 | 21-Jul- 04 | 11:44 | 0.14 | 6.6 | 9.2 | 408 | 108 | 19 | 16.6 | 2.4 | |
| Caherciveen | Se1 | 2004/5215 | 06-Oct- 04 | 13:30 | 0.09 | 6.8 | 1.9 | 342 | 59 | 2 | 12.5 | 2 | |
| Caherciveen | Se1 | 2005/0377 | 19-Jan- 05 | 12:25 | < 0.02 | 7 | 1.1 | 329 | 36 | 2 | 9.2 | 1 | |
| Caherciveen | Se1 | 2005/1932 | 19-Apr- 05 | 12:15 | 0.59 | 6.7 | 5.4 | 394 | 77 | | 10 | 7.5 | |

| Caherciveen | Se1 | 2005/5579 | 26-Oct- 05 | 12:00 | 0.04 | 7.3 | 1.7 | 356 | 113 | 12 | | 10 | |
|-------------|-----|-----------|--------------------------|-------|------|-----|------|-----|-----|-----|------|-----|-----------------------|
| Caherciveen | Se1 | 2006/0523 | 31-Jan- 06 20-Apr- | 14:05 | 1.33 | 6.4 | 2.3 | 353 | 67 | 5 | 7.5 | 3.6 | |
| Caherciveen | Se1 | 2006/1665 | 06 21-Aug- | 11:36 | 0.61 | 6.3 | 3.3 | 264 | 61 | 8 | 10.7 | 1 | |
| Caherciveen | Se1 | 2006/3969 | 06 16-Oct- | 11:25 | 0.08 | 7 | 1.8 | 328 | 97 | 6 | | 3 | |
| Caherciveen | Se1 | 2006/5073 | 06 19-Feb- | 11:50 | 0.28 | 6.7 | 1.7 | 468 | 42 | 2 | 16.3 | 6 < | no visual |
| Caherciveen | Se1 | 2007/0926 | 07 03- | 13:20 | 0.02 | 6.6 | 1.3 | 497 | 40 | < 1 | 10.5 | 0.5 | evidence |
| Caherciveen | Se1 | 2007/2366 | May-07 19-Jul- | 14:50 | 0.68 | 7.3 | 1.2 | 548 | 72 | 19 | | 4 | |
| Caherciveen | Se1 | 2007/3907 | 07 13-Nov- | 15:10 | 0.93 | 6.8 | 8.4 | 526 | 81 | 6 | 15.8 | 6.8 | |
| Caherciveen | Se1 | 2007/6153 | 07 14-Jan- | 15:20 | 0.96 | 7.1 | 3.3 | 618 | 83 | 48 | 15.5 | 17 | |
| Caherciveen | Se1 | 2008/0285 | 08 21-Apr- | 15:45 | 0.02 | 6.9 | < 1 | 263 | 44 | 40 | 11 | 2.5 | |
| Caherciveen | Se1 | 2008/1979 | 08 28-Jul- | 11:40 | 0.52 | 7 | 1.4 | 396 | 43 | 8 | 10 | 3.4 | |
| Caherciveen | Se1 | 2008/3927 | 08 02-Dec- | 12:56 | 1.59 | 7.1 | 10.2 | 667 | 107 | 16 | 88 | 5.3 | no visual |
| Caherciveen | Se1 | 2008/6411 | 08 27-Jan- | 12:00 | 0.06 | 6.8 | 2.4 | 457 | 47 | 19 | 9.5 | < 2 | evidence no visual |
| Caherciveen | Se1 | 2009/0506 | 09 20-Apr- | 15:20 | 0.02 | 7 | 1.4 | 346 | 49 | 17 | 7.5 | < 2 | evidence no visual |
| Caherciveen | Se1 | 2009/2098 | 09 27-Jul- | 11:00 | 0.57 | 7.1 | 2 | 522 | 37 | 7 | 10.5 | < 2 | evidence |
| Caherciveen | Se1 | 2009/3927 | 09 01-Dec- | 12:30 | 0.75 | 7.2 | 13.4 | 381 | 225 | 90 | 15.5 | 4.9 | |
| Caherciveen | Se1 | 2009/6129 | 09 20-Jan- | 11:15 | 0.76 | 6.5 | 9.5 | 295 | 518 | 349 | 10.5 | 4.1 | no visual |
| Caherciveen | Se1 | 2010/0207 | 10 27-Jan- | 12:50 | 0.08 | 6.7 | 1.9 | 584 | 35 | 7 | 7.1 | < 2 | evidence |
| Caherciveen | Se1 | 2010/0350 | 10 22-Apr- | 10:00 | 0.02 | 6.7 | 1.4 | 457 | 39 | 12 | | 3 | no visual |
| Caherciveen | Se1 | 2010/1733 | 10 19-Jul- | 12:22 | 0.26 | 7.7 | 1.3 | 267 | 36 | 5 | 8.5 | < 2 | evidence no visual |
| Caherciveen | Se1 | 2010/3206 | 10 18-Oct- | 11:25 | 0.02 | 7 | < 1 | 333 | 54 | 3.5 | 18 | < 2 | evidence |
| Caherciveen | Se1 | 2010/4821 | 10 25-Jan- | 15:30 | 0.31 | 7.5 | 2.5 | 497 | 45 | 4 | | 5.3 | No visual |
| Caherciveen | Se1 | 2011/0384 | 11 30- | 12:30 | 0.1 | 6.5 | < 1 | 371 | 16 | 1 | 7 | < 2 | evidence No visual |
| Caherciveen | Se1 | 2011/2533 | May-11 | 11:45 | 0.16 | 7.1 | 7.8 | 534 | 121 | 44 | | < 2 | evidence |

| Caherciveen | Se1 | 2011/3519 | 08-Aug- 11 20-Oct- | 15:00 | 3.26 | 7.1 | 12.4 | 1660 | 112 | 23 | | < 2 | No visual evidence No visual |
|-------------|-----|-----------|--------------------------|-------|------|-----|------|------|-----|------------|----|-----|------------------------------------|
| Caherciveen | Se1 | 2011/4738 | 11 25-Jan- | 13:05 | 2.22 | 7.2 | 7.6 | 1154 | 60 | 12 | 13 | | evidence No visual |
| Caherciveen | Se1 | 2012/0458 | 12 | 13:10 | 4 | 6.7 | 12.6 | 505 | 161 | <i>5</i> 5 | 9 | | evidence |

Table 2 Surface Water Monitoring Results

| Landfill | Location | Eastings | Northings | Sample Reference | Sample Date | Sample Time | Ammonium (NH4) | Hd | BOD (02) | Conductivity @ 20 oC | Chemical Oxygen Demand (O2) | Chloride (CI) | Dissolved Oxygen (O2) | Suspended Solids | Temperature |
|-------------|----------|----------|-----------|------------------|--------------------------|-------------|----------------|-------------|----------|----------------------|-----------------------------|---------------|-----------------------|------------------|--------------|
| | | | | | | | mg/l | pH units | mg/l | μS/cm | mg/l | mg/l | mg/l | mg/l | Degrees C |
| | | | | | | | | | | | | | | | |
| Caherciveen | Sw1 | 50365 | 78555 | 2003/0348 | 21-Jan- 03 16-Apr- | 13:15 | 0.03 | 6.4 | < 1 | 104 | < 10 | 27 | 10.9 | < 1 | 7 |
| Caherciveen | Sw1 | 50365 | 78555 | 2003/1919 | 03 22-Jul- | 14:45 | < 0.02 < | 6.7 | < 1 | 109 | 17 | | 9.5 | 11 | 14.4 |
| Caherciveen | Sw1 | 50365 | 78555 | 2003/3920 | 03 01-Oct- | 15:10 | 0.02 | 6.9 | < 1 | 110 | 42 | 26 | 9.1 | 8 | 14.5 |
| Caherciveen | Sw1 | 50365 | 78555 | 2003/5451 | 03 28-Jan- | 12:40 | 0.04 | 6.7 | < 1 | 137 | 11 | 26 | 9.7 | 1.5 | 11.5 |
| Caherciveen | Sw1 | 50365 | 78555 | 2004/0531 | 04 | 12:55 | 0.02 | 6.7 | 1.2 | 116 | < 10 | 31 | 11.8 | < 1 | 7 |
| Caherciveen | Sw1 | 50365 | 78555 | 2004/1702 | 14-Apr- 04 | 13:42 | < 0.02 | 6.9 | 1.7 | 115 | 19 | | 10.9 | < 1 | 11.6 |
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2004/3704 | 21-Jul- 04 | 12:43 | 0.06 | 6.7 | < 1 | 123 | 29 | 28.5 | 9.7 | 3 | 14.4 |
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2004/5211 | 06-Oct- 04 | 13:12 | < 0.02 | 6.6 | < 1 | 106 | 35 | 26 | 10.3 | 2 | 11.8 |
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2005/0374 | 19-Jan- 05 | 12:08 | < 0.02 | 6.4 | 1.1 | 145 | 14 | 39 | 11 | 1 | 9.6 |
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2005/1923 | 19-Apr- 05 | 12:30 | < 0.02 | 6.8 | < 1 | 111 | 33 | 30 | 11 | | 9 |

| | | | | | 44.1.1 | | | | | | | | | | |
|-------------|-----|---------|---------|-----------|--------------------------|-------|----------------|-----|-----|-----|---------|------|------|-----|------|
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2005/3601 | 14-Jul- 05 13-Oct- | 15:04 | 0.13 | 6.8 | < 1 | 129 | 18 | 33 | 8.9 | 10 | 15.5 |
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2005/5320 | 05 | 12:28 | 0.02 | 6.7 | < 1 | 117 | 93 | 25 | 11.4 | < 1 | 8.9 |
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2006/0517 | 31-Jan- 06 | 13:37 | 0.02 | 6.7 | 1.1 | 118 | 10 | 27 | 11.7 | < 1 | 5.5 |
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2006/1661 | 20-Apr- 06 | 12:33 | < 0.02 | 6.3 | 1.3 | 85 | 42 | 22 | 10.7 | 20 | 10.1 |
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2006/3668 | 03-Aug- 06 | 12:03 | < 0.02 | 6.8 | < 1 | 113 | < 10 | 23.5 | 9.8 | < 1 | 14 |
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2006/4993 | 12-Oct- 06 01-Feb- | 11:45 | 0.02 | 6 | < 1 | 84 | 68 | 21.5 | 10 | 1 | 13.4 |
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2007/0626 | 07 | 14:09 | < 0.02 | 6.6 | < 1 | 135 | 20 | 29 | 11.1 | 1 | 10.1 |
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2007/1939 | 17-Apr- 07 | 12:30 | 0.07 | 6.7 | 1.1 | 136 | 20 | 28 | 11.9 | 1 | 10.7 |
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2007/3904 | 19-Jul- 07 | 14:52 | < 0.02 | 6.7 | < 1 | 125 | 34 | 26 | 9.4 | 1 | 16.1 |
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2007/5805 | 25-Oct- 07 | 12:19 | 0.05 | 6.1 | < 1 | 110 | 25 | 27.5 | 12.4 | 2 | 9.7 |
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2008/0022 | 03-Jan- 08 | 13:02 | 0.03 | 6.5 | < 1 | 124 | 32 | 34 | 11.1 | 1 | 7.2 |
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2008/1613 | 03-Apr- 08 | 13:50 | 0.02 | 6.5 | < 1 | 163 | 10 | 39 | 10.8 | < 1 | 11.9 |
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2008/3689 | 17-Jul- 08 | 13:34 | 0.02 | 6.9 | < 1 | 154 | 27 | 35 | 9.3 | 2 | 15.4 |
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2008/5848 | 04-Nov- 08 07-Jan- | 12:20 | 0.02 | 6.6 | 1.1 | 125 | 17 | 31 | 11.4 | < 1 | 7.9 |
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2009/0081 | 07-3an- 09 07-Apr- | 13:05 | 0.02 | 7 | 2.2 | 139 | 14 | 34 | 11.9 | 6 | 5.6 |
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2009/1949 | 07-Apr- 09 08-Jul- | 14:10 | 0.02 | 6.3 | 1 | 111 | 36 | 27.5 | 10.5 | 5 | 9.9 |
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2009/3598 | 09 01-Oct- | 13:09 | < 0.02 | 6.4 | 1.1 | 95 | 55 | 21.5 | 9.6 | 4 | 15.9 |
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2009/5157 | 09 20-Jan- | 13:40 | 0.13 | 6.7 | < 1 | 129 | 21 | 28 | 9.2 | 1 | 14.2 |
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2010/0202 | 10 08-Apr- | 13:55 | < 0.02 < | 6.3 | 1 | 86 | 26 | 25 | 11.4 | < 1 | 7.1 |
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2010/1477 | 10 14-Jul- | 12:15 | 0.02 | 6.6 | 1 | 97 | 31 | 22.5 | 12.2 | 3 | 9.5 |
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2010/3113 | 10 12-Oct- | 12:45 | 0.02 | 6.5 | < 1 | 81 | 45 | 22 | 10 | 1 | 14.4 |
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2010/4728 | 10 19-Jan- | 11:55 | 0.02 | 6.8 | < 1 | 100 | 19.5 | 31 | 10.7 | 1 | 12.1 |
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2011/0335 | 11 20-Apr- | 14:05 | 0.03 | 6.7 | < 1 | 94 | 23 | 24 | 12 | 2 | 6 |
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2011/2008 | 11 | 14:50 | 0.02 | 6.9 | 3.4 | 106 | 58 | 25 | 10.7 | 2 | 11.8 |

| | | | | | 27-Jul- | | < | | | | | | | | |
|-------------|-----|---------|---------|-----------|---------------|-------|-----------|-----|-----|-----|-----|------|------|-----------|------|
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2011/3414 | 11 18-Oct- | 13:30 | 0.02 | 6.6 | < 1 | 120 | 18 | 24.3 | 9.6 | 4 | 15.9 |
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2011/4691 | 11 | 14:45 | 0.04 | 6.8 | < 1 | 102 | 26 | 44 | 11.2 | < 1 | 11.5 |
| Caherciveen | Sw1 | 50364.7 | 78554.9 | 2012/0454 | 25-Jan- 12 | 13:15 | < 0.02 | 5.5 | < 1 | 125 | 34 | 33 | 10.5 | 16 | 9.1 |
| | | | | | 21-Jan- | | | | | | | | | | |
| Caherciveen | SW3 | 50057 | 78930 | 2003/0349 | 03 | 11:20 | 0.54 | 7.3 | 1.4 | 190 | 22 | 22 | 11.2 | 5.5 | 6.5 |
| Caherciveen | SW3 | 50057 | 78930 | 2003/1920 | 16-Apr- 03 | 14:20 | < 0.02 | 6.2 | 2.6 | 87 | 43 | | 9.6 | 29 | 16.9 |
| Caherciveen | SW3 | 50057 | 78930 | 2003/3921 | 22-Jul- 03 | 12:46 | 0.21 | 7.3 | 3.2 | 223 | 55 | 25 | 7.7 | 40 | 16.2 |
| Caherciveen | SW3 | 50057 | 78930 | 2003/5452 | 01-Oct- 03 | 11:50 | < 0.02 | 7.8 | 2.9 | 890 | 50 | 42 | 7.9 | 59 | 12.9 |
| Caherciveen | SW3 | 50057 | 78930 | 2004/0532 | 28-Jan- 04 | 12:05 | 1.14 | 7.2 | 1.5 | 289 | 21 | 28 | 10.6 | 4 | 7 |
| Caherciveen | SW3 | 50057 | 78930 | 2004/1703 | 14-Apr- 04 | 13:07 | 0.9 | 7.3 | 3.6 | 250 | 36 | | 9.6 | 2 | 13.1 |
| Caherciveen | SW3 | 50057.4 | 78929.6 | 2004/5212 | 06-Oct- 04 | 13:48 | 0.19 | 7 | 1.6 | 143 | 165 | 26 | 10.1 | 61 | 11.9 |
| Caherciveen | SW3 | 50057.4 | 78929.6 | 2005/1924 | 19-Apr- 05 | 11:08 | 0.05 | 7.1 | 1.6 | 148 | 86 | 31 | 10.8 | 93 | 9.3 |
| Caherciveen | SW3 | 50057.4 | 78929.6 | 2006/0518 | 31-Jan- 06 | 12:05 | 0.09 | 6.9 | 1.3 | 153 | 73 | 24 | 11.4 | 134 | 6.2 |
| Caherciveen | SW3 | 50057.4 | 78929.6 | 2006/1662 | 20-Apr- 06 | 12:01 | < 0.02 | 6.7 | 1.5 | 92 | 29 | 15 | 10.6 | 9 | 10.9 |
| Caherciveen | SW3 | 50057.4 | 78929.6 | 2006/4994 | 12-Oct- 06 | 11:15 | < 0.02 | 6.9 | < 1 | 121 | 38 | 15.5 | 10 | 2 | 14.2 |
| Caherciveen | SW3 | 50057.4 | 78929.6 | 2008/0023 | 03-Jan- 08 | 12:12 | 0.03 | 7.1 | < 1 | 185 | 43 | 38.5 | 10.8 | 12 | 6.7 |
| Caherciveen | SW3 | 50057.4 | 78929.6 | 2008/1614 | 03-Apr- 08 | 13:07 | < 0.02 | 6.9 | < 1 | 230 | 29 | 46 | 10.7 | < 1 | 11.9 |
| Caherciveen | SW3 | 50057.4 | 78929.6 | 2008/5846 | 04-Nov- 08 | 11:46 | 0.03 | 6.7 | 1.5 | 154 | 47 | 28 | 10.7 | 70 | 9.8 |
| Caherciveen | SW3 | 50057.4 | 78929.6 | 2009/0082 | 07-Jan- 09 | 12:40 | 0.03 | 6.5 | 2 | 162 | 40 | 29 | 9.9 | 80 | 7.2 |
| Caherciveen | SW3 | 50057.4 | 78929.6 | 2009/1951 | 07-Apr- 09 | 14:39 | 0.02 | 6.6 | 1.4 | 120 | 36 | 22 | 10.5 | 6 | 10.2 |
| Caherciveen | SW3 | 50057.4 | 78929.6 | 2009/3600 | 08-Jul- 09 | 11:49 | < 0.02 | 7.2 | < 1 | 125 | 41 | 19 | 9.2 | 17 | 16.5 |
| Caherciveen | SW3 | 50057.4 | 78929.6 | 2010/0203 | 20-Jan- 10 | 13:14 | < 0.02 | 6.8 | < 1 | 144 | 27 | 32 | 11.4 | < 1 | 7.2 |
| Caherciveen | SW3 | 50057.4 | 78929.6 | 2010/1478 | 08-Apr- 10 | 11:35 | < 0.02 | 6.9 | < 1 | 58 | 46 | 20.5 | 11.6 | 6 | 9.7 |
| Caherciveen | SW3 | 50057.4 | 78929.6 | 2010/3114 | 14-Jul- 10 | 11:45 | < 0.02 | 7 | < 1 | 112 | 46 | 20 | 9.2 | 2 | 15.2 |
| | | | | | | | | | | | | | | | |

| | | | | | 40.0 | | | | | | | | | | |
|-------------|------|---------|---------|-----------|--------------------------|-------|-------------------|-----|------------|-----|---------|------|------|-----|------|
| Caherciveen | SW3 | 50057.4 | 78929.6 | 2010/4726 | 12-Oct- 10 19-Jan- | 11:20 | < 0.02 | 6.9 | 1.7 | 118 | 117 | 14 | 9.2 | 189 | 14.3 |
| Caherciveen | SW3 | 50057.4 | 78929.6 | 2011/0336 | 11 20-Apr- | 13:30 | 0.03 | 6.9 | < 1 | 124 | 31 | 26 | 11.8 | < 1 | 6.3 |
| Caherciveen | SW3 | 50057.4 | 78929.6 | 2011/2009 | 20-Apr- 11 27-Jul- | 15:15 | 0.02 | 7.2 | < 1 | 148 | 32 | 31 | 10.5 | 19 | 11.6 |
| Caherciveen | SW3 | 50057.4 | 78929.6 | 2011/3415 | 27-Jul- 11 18-Oct- | 12:30 | 0.1 | 6.9 | < 1 | 188 | 21 | 29 | 6.5 | 11 | 22.8 |
| Caherciveen | SW3 | 50057.4 | 78929.6 | 2011/4692 | 11 | 14:11 | 0.04 | 7.2 | < 1 | 156 | 35 | 34.9 | 10 | 2 | 11.2 |
| Caherciveen | SW3 | 50057.4 | 78929.6 | 2012/0455 | 25-Jan- 12 | 13:25 | 0.24 | 6.7 | 1.5 | 168 | 32 | 43 | 11.3 | 10 | 8.7 |
| | | | | | | | | | | | | | | | |
| Caherciveen | Sw4 | 50061 | 78733 | 2003/0350 | 21-Jan- 03 | 12:00 | < 0.02 | 5.4 | < 1 | 96 | 11 | 25 | 10 | < 1 | 6 |
| Caherciveen | Sw4 | 50061 | 78733 | 2003/1921 | 16-Apr- 03 | 14:10 | < 0.02 | 5.6 | < 1 | 92 | 41 | | 8.3 | 6 | 14.4 |
| Caherciveen | Sw4 | 50061 | 78733 | 2003/3922 | 22-Jul- 03 | 12:40 | < 0.02 | 6.1 | 2.2 | 106 | 126 | 22 | 6.5 | 224 | 14.2 |
| Caherciveen | Sw4 | 50061 | 78733 | 2003/5844 | 20-Oct- 03 | 12:00 | 0.69 | 7.4 | 1.5 | 485 | 116 | 49 | 6.8 | 7 | 14 |
| Caherciveen | Sw4 | 50061 | 78733 | 2004/0533 | 28-Jan- 04 | 11:45 | < 0.02 | 5.6 | 1.3 | 113 | 27 | 31 | 8.6 | 7 | 6.7 |
| Caherciveen | Sw4 | 50061 | 78733 | 2004/1704 | 14-Apr- 04 | 13:00 | < 0.02 | 5.7 | 2 | 105 | 52 | | 8.4 | 23 | 10.9 |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2004/5213 | 06-Oct- 04 | 13:37 | 0.08 | 5.3 | 1.2 | 96 | 73 | 26 | 9.1 | 2 | 11.3 |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2005/0375 | 19-Jan- 05 | 11:20 | 0.12 | 5.4 | 1.6 | 193 | 81 | 52 | 10.6 | 160 | 10.2 |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2005/1925 | 19-Apr- 05 | 11:00 | < 0.02 | 6 | 2.4 | 171 | 61 | 38 | 10.9 | 14 | 7.1 |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2005/3602 | 14-Jul- 05 | 14:28 | 0.04 | 6 | 3 | 137 | 33 | 27 | 8.5 | 10 | 20 |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2005/5322 | 13-Oct- 05 | 11:50 | 0.17 | 4.9 | < 1 | 156 | 107 | 25 | 11.3 | 10 | 6.8 |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2006/0519 | 31-Jan- 06 | 11:51 | 0.71 | 5.8 | 1.3 | 148 | < 10 | 27 | 11.0 | 16 | 3.5 |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2006/1663 | 20-Apr- 06 | 11:51 | 0.02 | 5.5 | 1.3 | 64 | 28 | 13 | 10.7 | 6 | 11.9 |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2006/3669 | 03-Aug- 06 | 12:29 | 0.07 | 4.7 | 1.7 | 149 | 25 | 22 | 9.4 | 86 | 17.9 |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2006/4995 | 12-Oct- 06 | 11:30 | 0.07 < 0.02 | 4.8 | < 1 | 118 | 160 | 19.5 | 9.9 | 6 | 13 |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2007/0627 | 01-Feb- 07 | 13:16 | 0.02 | 4.9 | < 1 | 195 | 24 | 41 | 10.8 | 6 | 10.3 |
| Janeroryeen | O W4 | 30001.3 | 10133.3 | 2001/0021 | 01 | 13.10 | 0.1 | 7.3 | \ 1 | 130 | 24 | 71 | 10.0 | U | 10.3 |

| | | | | | 17-Apr- | | | | | | | | | | |
|---------------|---|---------|-----------|-----------|----------------------------|-------|-----------|-----|-----|-----|-----|-------|------|-----|------|
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2007/1940 | 07 19-Jul- | 12:10 | 0.03 | 5.2 | 7.4 | 148 | 50 | 29 | 11.1 | 36 | 12.5 |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2007/3905 | 07 | 14:02 | 0.02 | 4.5 | 1.1 | 150 | 18 | 37 | 9.4 | 6 | 18.8 |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2007/5806 | 25-Oct- 07 | 12:00 | 0.04 | 4.5 | < 1 | 136 | 24 | 28 | 12.6 | 6 | 9.6 |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2008/0024 | 03-Jan- 08 | 11:55 | 0.02 | 4.7 | < 1 | 176 | 26 | 43 | 10.4 | 2 | 6.8 |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2008/1615 | 03-Apr- 08 | 12:52 | < 0.02 | 4.7 | 3.6 | 208 | 15 | 41 | 10.5 | 12 | 12.8 |
| Canoronycon | 0111 | 00001.0 | 70700.0 | 2000/1010 | 17-Jul- | 12.02 | 0.02 | *** | 0.0 | 200 | | • • • | 10.0 | | 12.0 |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2008/3690 | 08 04-Nov- | 12:33 | 0.08 | 4.7 | < 1 | 154 | 19 | 36.5 | 6.3 | 22 | 15.8 |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2008/5845 | 08 | 11:35 | < 0.02 | 4.9 | 1.5 | 168 | 20 | 39 | 10.6 | 16 | 8.9 |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2009/0083 | 07-Jan- 09 | 12:30 | < 0.02 | 5.1 | 1.6 | 161 | 10 | 35 | 10 | 11 | 5 |
| | _ | | | | 07-Apr- | | | | - | | | | | | |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2009/1950 | 09 [.] 08-Jul- | 14:30 | 0.03 | 5.3 | 1.1 | 131 | 32 | 30 | 10.2 | 5 | 10.6 |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2009/3601 | 09 | 11:11 | 0.04 | 5.7 | 3.2 | 102 | 103 | 20.5 | 5.4 | 275 | 15.6 |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2009/3602 | 08-Jul- 09 | 11:11 | 0.04 | 5.6 | 2.9 | 103 | 117 | 20.5 | 5.5 | 286 | 15.7 |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2009/5158 | 01-Oct- 09 | 13:00 | 0.16 | 5.5 | 2.3 | 133 | 70 | 31 | 5 | 29 | 15.1 |
| | | | | | 20-Jan- | | < | | | | | | | | |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2010/0204 | 10 20-Jan- | 13:00 | 0.02 | 5.3 | < 1 | 118 | 24 | 29 | 10.9 | < 1 | 6.1 |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2010/0206 | 10 | 13:00 | < 0.02 | 5.2 | < 1 | 114 | 25 | 27 | 10.9 | < 1 | 6.1 |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2010/1479 | 08-Apr- 10 | 11:25 | < 0.02 | 5.3 | 1.8 | 119 | 56 | 22 | 11.3 | 36 | 9.4 |
| 04.1010110011 | • | 00001.0 | . 0. 00.0 | 20.070 | 14-Jul- | | 0.02 | 0.0 | | | 00 | | | | 0 |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2010/3115 | 10 12-Oct- | 12:20 | 0.05 | 5.5 | < 1 | 90 | 60 | 23 | 6.4 | 11 | 16.3 |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2010/4725 | 10 | 11:10 | 0.06 | 5.9 | 2.3 | 104 | 50 | 19.5 | 7.7 | 68 | 9 |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2011/0337 | 19-Jan- 11 | 13:20 | 0.06 | 5.1 | < 1 | 131 | 25 | 30 | 10.8 | < 1 | 5.1 |
| | | | | | 20-Apr- | | < | | | | | | | | |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2011/2010 | 11 27-Jul- | 14:10 | 0.02 | 5.3 | < 1 | 130 | 41 | 29 | 9.5 | 21 | 14.4 |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2011/3416 | 11 | 12:15 | 0.31 | 5.6 | 1.3 | 150 | 33 | 34.3 | 4.8 | 26 | 16.6 |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2011/4693 | 18-Oct- 11 | 13:47 | < 0.02 | 5.4 | < 1 | 122 | 34 | 32.1 | 10.3 | < 1 | 11.1 |
| Caherciveen | Sw4 | 50061.3 | 78733.3 | 2012/0456 | 25-Jan- 12 | 14:20 | 0.03 | 6.1 | 1.4 | 98 | 80 | 25 | 11.3 | 26 | 8.5 |
| | - | | | | | | | | | | | | | | |

| | | | | | 21-Jan- | | | | | | | | | | |
|-------------|-------------------|---------|---------|-----------|---------------|-------|--------------|-----|----------|------|-----|------|------|-----------|------|
| Caherciveen | Sw5 | 50055 | 79046 | 2003/0351 | 03 16-Apr- | 11:35 | 3.3 < | 7 | < 1 | 284 | 30 | 26 | 8.4 | 17 | 6.5 |
| Caherciveen | Sw5 | 50055 | 79046 | 2003/1922 | 03 22-Jul- | 14:30 | 0.02 | 5.8 | 1.5 | 87 | 44 | | 9.9 | 11 | 15.6 |
| Caherciveen | Sw5 | 50055 | 79046 | 2003/3923 | 03 01-Oct- | 13:02 | 14 | 6.9 | > 104 | 551 | 70 | 42 | <1 | 5100 | 15.4 |
| Caherciveen | Sw5 | 50055 | 79046 | 2003/5453 | 03 | 12:20 | 34.5 | 7.3 | 3.4 | 1188 | 64 | 70 | 3.7 | 24.5 | 12.2 |
| Caherciveen | Sw5 | 50055 | 79046 | 2004/0534 | 28-Jan- 04 | 12:25 | 2.86 | 7.2 | 1 | 483 | 22 | 34 | 3.8 | < 1 | 7 |
| Caherciveen | Sw5 | 50055 | 79046 | 2004/1705 | 14-Apr- 04 | 13:15 | 1.07 | 7.4 | 5.3 | 503 | 43 | | 5.6 | 14 | 12.5 |
| Caherciveen | Sw5 | 50054.6 | 79046.1 | 2004/3705 | 21-Jul- 04 | 12:02 | 30.3 | 7.9 | 4.5 | 1011 | 115 | 57.5 | 8.9 | 124 | 16.5 |
| Caherciveen | Sw5 | 50054.6 | 79046.1 | 2004/5214 | 06-Oct- 04 | 14:02 | 2.56 | 7.2 | 1.6 | 212 | 85 | 28 | 8.9 | 28 | 11.4 |
| Caherciveen | Sw5 | 50054.6 | 79046.1 | 2005/0376 | 19-Jan- 05 | 11:52 | 5.59 | 7.1 | 1.2 | 400 | 48 | 60.5 | 9.8 | 22 | 9.6 |
| Caherciveen | Sw5 | 50054.6 | 79046.1 | 2005/1926 | 19-Apr- 05 | 11:15 | 11.5 | 7.7 | 7.3 | 513 | 187 | 45 | 9.4 | | 9.4 |
| Caherciveen | Sw5 | 50054.6 | 79046.1 | 2005/3603 | 14-Jul- 05 | 14:07 | 44.99 | 7.5 | 6.9 | 1499 | 101 | 83 | 4.4 | 10 | 18 |
| Caherciveen | Sw5 | 50054.6 | 79046.1 | 2005/5321 | 13-Oct- 05 | 11:26 | 14.2 | 7 | 1.4 | 596 | 44 | 34.5 | 7.4 | 5 | 11.7 |
| Caherciveen | Sw5 | 50054.6 | 79046.1 | 2006/0520 | 31-Jan- 06 | 12:40 | 30 | 7.2 | 1.4 | 841 | 24 | 42 | 8 | 22 | 6.9 |
| Caherciveen | Sw5 | 50054.6 | 79046.1 | 2006/1664 | 20-Apr- 06 | 12:09 | 0.79 | 6.8 | 1.4 | 134 | 37 | 18 | 10.1 | 17 | 10.8 |
| Caherciveen | Sw5 | 50054.6 | 79046.1 | 2006/3670 | 03-Aug- 06 | 12:45 | 4.76 | 7 | 7.3 | 367 | 51 | 23 | 7 | 59 | 15.8 |
| Caherciveen | Sw5 | 50054.6 | 79046.1 | 2006/4996 | 12-Oct- 06 | 11:20 | 0.16 | 6.9 | < 1 | 131 | 152 | 19 | 9.7 | 2 | 13.9 |
| Caherciveen | Sw5 | 50054.6 | 79046.1 | 2007/0628 | 01-Feb- 07 | 13:42 | 51 | 6.7 | 1.2 | 1056 | 59 | 28 | 7.7 | 52 | 9.7 |
| Caherciveen | Sw5 | 50054.6 | 79046.1 | 2007/1941 | 17-Apr- 07 | 12:00 | 171 | 6.8 | 6.8 | 2410 | 120 | 95 | 4.1 | 113 | 12.6 |
| Caherciveen | Sw5 | 50054.6 | 79046.1 | 2007/3906 | 19-Jul- 07 | 14:20 | 16.1 | 6.8 | 9.2 | 503 | 33 | 53 | 4.8 | 18 | 16 |
| Caherciveen | Sw5 | 50054.6 | 79046.1 | 2007/5807 | 25-Oct- 07 | 11:50 | 31 | 6.7 | 2.6 | 643 | 40 | 42 | 5.7 | 45 | 11.9 |
| Caherciveen | Sw5 | 50054.6 | 79046.1 | 2008/0025 | 03-Jan- 08 | 12:22 | 6.26 | 6.8 | 1.4 | 297 | 37 | 42.5 | 9.4 | 2 | 7.1 |
| Caherciveen | small st. d/s SW5 | 50158.6 | 79160 | 2008/0028 | 03-Jan- 08 | 12:40 | 0.06 | 5.8 | < 1 | 131 | 30 | 38 | 11.2 | < 1 | 6.2 |
| Caherciveen | Sw5 | 50054.6 | 79046.1 | 2008/1616 | 03-Apr- 08 | 13:15 | 4.18 | 6.7 | 1.8 | 308 | 33 | 49 | 10 | < 1 | 11.8 |
| Caherciveen | Sw5 | 50054.6 | 79046.1 | 2008/3691 | 17-Jul- 08 | 12:51 | 2.58 | 6.7 | 1.7 | 259 | 32 | 35.5 | 5.3 | 14 | 15.9 |
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| Caherciv | een | Sw5 | 50054.6 | 79046.1 | 2008/5847 | 04-Nov- 08 07-Jan- | 11:52 | 22.4 | 6.8 | 4.4 | 530 | 42 | 40 | 7.5 | 12 | 10 |
| Caherciv | een | Sw5 | 50054.6 | 79046.1 | 2009/0084 | 07-5an- 09 07-Apr- | 12:50 | 13.2 | 7 | 2.6 | 468 | 26 | 40 | 7.3 | 16 | 7.3 |
| Caherciv | een | Sw5 | 50054.6 | 79046.1 | 2009/1952 | 07-Apr- 09 08-Jul- | 14:45 | 7.35 | 6.6 | 2.2 | 248 | 38 | 26 | 9.6 | 7 | 10.2 |
| Caherciv | een | Sw5 | 50054.6 | 79046.1 | 2009/3599 | 09 | 12:32 | 1.15 | 6.9 | 3.2 | 175 | 70 | 19 | 8.4 | 38 | 15.9 |
| Caherciv | een | Sw5 | 50054.6 | 79046.1 | 2009/5159 | 01-Oct- 09 | 13:15 | 27.6 | 7 | 3.7 | 683 | 46 | 43 | 3.6 | 40 | 13.5 |
| Caherciv | een | Sw5 | 50054.6 | 79046.1 | 2010/0205 | 20-Jan- 10 | 13:25 | 0.08 | 6.4 | 2.4 | 152 | 48 | 26 | 4 | 16 | 6.1 |
| Caherciv | een | Sw5 | 50054.6 | 79046.1 | 2010/1480 | 08-Apr- 10 | 11:40 | 0.16 | 6.7 | 1.1 | 119 | 51 | 22 | 11.2 | 21 | 9 |
| Caherciv | een | Sw5 | 50054.6 | 79046.1 | 2010/3116 | 14-Jul- 10 | 12:00 | 0.11 | 6.8 | 1 | 116 | 44 | 18 | 8.2 | < 1 | 15.1 |
| Caherciv | een | Sw5 | 50054.6 | 79046.1 | 2010/4727 | 12-Oct- 10 | 11:30 | 2.21 | 7.1 | 5.7 | 203 | 54 | 14 | 7.4 | 24 | 13.7 |
| Caherciv | een | Sw5 | 50054.6 | 79046.1 | 2011/0338 | 19-Jan- 11 | 13:40 | 7.57 | 6.8 | 1.9 | 280 | 50 | 29 | 9.2 | < 1 | 6.5 |
| Caherciv | een | Sw5 | 50054.6 | 79046.1 | 2011/2011 | 20-Apr- 11 | 15:30 | 32 | 6.9 | 4.6 | 704 | 57 | 41 | 7.1 | 50 | 11.5 |
| Caherciv | een | Sw5 | 50054.6 | 79046.1 | 2011/3417 | 27-Jul- 11 | 12:40 | 62 | 6.9 | 4.1 | 1189 | 53 | 56.8 | 3.9 | 28 | 19 |
| Caherciv | een | Sw5 | 50054.6 | 79046.1 | 2011/4694 | 18-Oct- 11 | 14:20 | 9.22 | 6.7 | 1.8 | 308 | 41 | 37.9 | 9.7 | 4 | 11.6 |
| Caherciv | een | Sw5 | 50054.6 | 79046.1 | 2012/0457 | 25-Jan- 12 | 13:35 | 0.93 | 6.7 | 4.5 | 144 | 45 | 32 | 11.2 | 32 | 8.8 |
| | | | | | | 20-Apr- | | | | | | | | | | |
| Caherciv | een M.H. | @N.E. corner opp SW5 | 50052 | 79043 | 2011/2012 | 11 | 15:35 | 0.51 | 7.2 | 3.1 | 171 | 56 | 29 | 10.3 | 70 | 11.8 |
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| Caherciv | een | Sw6 | 50828 | 79459 | 2003/0352 | 03 | 14:55 | 0.04 | 6.8 | < 1 | 98 | 10 | 23 | 11.2 | < 1 | 7 |
| Caherciv | een | Sw6 | 50828 | 79459 | 2003/3924 | 22-Jul- 03 | 15:50 | < 0.02 | 7.3 | < 1 | 99 | 23 | 25 | 9.5 | 9 | 16.3 |
| | | | | | | 28-Jan- | | < | | | | < | | | | |
| Caherciv | een | Sw6 | 50828 | 79459 | 2004/0535 | 04 19-Apr- | 13:55 | 0.02 | 7.2 | 1.1 | 140 | 10 | 28 | 12.1 | | 7.5 |
| Caherciv | een | Sw6 | 50828.1 | 79458.5 | 2005/1927 | 05 | 13:45 | 0.02 | 7.3 | < 1 | 106 | 21 | 27 | 11.8 | | 8.6 |
| Caherciv | een | Sw6 | 50828.1 | 79458.5 | 2006/0521 | 31-Jan- 06 | 15:10 | 0.03 | 7.3 | 1 | 116 | < 10 | 22 | 12.3 | < 1 | 5.1 |
| Carioron | 0011 | | | | | 03-Jan- | | | | | | | | | | |
| Caherciv | een | Sw6 | 50828.1 | 79458.5 | 2008/0026 | 08 07-Apr- | 14:10 | 0.03 | 6.7 | < 1 | 118 | 18 | 32 | 11.8 | 3 | 6.7 |
| Caherciv | een | Sw6 | 50828.1 | 79458.5 | 2009/1946 | 09 | 13:23 | 0.02 | 6.9 | < 1 | 97 | 23 | 22 | 11.5 | < 1 | 10 |
| | | | | | | | | | | | | | | | | |

| Caherciveen | Sw6 | 50828.1 | 79458.5 | 2010/1481 | 08-Apr- 10 | 13:10 | < 0.02 | 6.8 | < 1 | 84 | 31 | 16.5 | 12.4 | 1 | 10.4 |
|-------------|-----|---------|---------|-----------|---------------------------|-------|----------------|-----|-----|-----|---------|------|------|-----|------|
| Caherciveen | Sw6 | 50828.1 | 79458.5 | 2010/3117 | 14-Jul- 10 12-Oct- | 13:30 | < 0.02 < | 6.8 | < 1 | 66 | 36 | 18 | 10.1 | 1 | 15.1 |
| Caherciveen | Sw6 | 50828.1 | 79458.5 | 2010/4730 | 10 19-Jan- | 12:40 | 0.02 | 7 | < 1 | 91 | 26 | 15 | 11 | < 1 | 11.9 |
| Caherciveen | Sw6 | 50828.1 | 79458.5 | 2011/0339 | 11 | 15:10 | 0.05 | 6.9 | < 1 | 87 | 22 | 19 | 12.4 | < 1 | 5.7 |
| | | | | | 21-Jan- | | | | | | | | | | |
| Caherciveen | Sw7 | 49666 | 79782 | 2003/0353 | 03 22-Jul- | 14:15 | 0.1 | 6.7 | < 1 | 105 | 10 | 24 | 11.2 | 4.5 | 7 |
| Caherciveen | Sw7 | 49666 | 79782 | 2003/3925 | 03 28-Jan- | 15:35 | 0.02 | 7.3 | < 1 | 147 | 24 < | 25 | 9.6 | 10 | 16.4 |
| Caherciveen | Sw7 | 49666 | 79782 | 2004/0536 | 04 19-Apr- | 13:25 | 0.02 | 7.2 | 1.2 | 109 | 10 | 28 | 12.3 | | 7 |
| Caherciveen | Sw7 | 49666 | 79781.7 | 2005/1934 | 05 31-Jan- | 13:20 | 0.02 | 7.1 | < 1 | 133 | 22 < | 27 | 11.8 | < 1 | 8.6 |
| Caherciveen | Sw7 | 49666 | 79781.7 | 2006/0522 | 06 03-Jan- | 13:20 | 0.03 | 7.3 | 1 | 170 | 10 | 25 | 12.3 | < 1 | 4.8 |
| Caherciveen | Sw7 | 49666 | 79781.7 | 2008/0027 | 03-3411- 08 07-Apr- | 13:40 | < 0.02 | 6.8 | < 1 | 140 | 16 | 32.5 | 11.6 | < 1 | 6.8 |
| Caherciveen | Sw7 | 49666 | 79781.7 | 2009/1948 | 07-Apr- 09 08-Apr- | 13:52 | 0.02 | 6.9 | < 1 | 125 | 43 | 25 | 11.3 | < 1 | 10.1 |
| Caherciveen | Sw7 | 49666 | 79781.7 | 2010/1482 | 10 14-Jul- | 12:40 | 0.02 | 6.9 | < 1 | 103 | 31 | 17.5 | 12.6 | < 1 | 10.3 |
| Caherciveen | Sw7 | 49666 | 79781.7 | 2010/3118 | 14-Jul- 10 12-Oct- | 13:00 | 0.02 < | 7 | < 1 | 87 | 36 | 18 | 10.2 | 2 | 15 |
| Caherciveen | Sw7 | 49666 | 79781.7 | 2010/4731 | 10 | 12:10 | 0.02 | 7.1 | < 1 | 123 | 27 | 16.5 | 11 | 1 | 10.8 |
| Caherciveen | Sw7 | 49666 | 79781.7 | 2011/0340 | 19-Jan- 11 | 14:35 | 0.04 | 7 | < 1 | 113 | 23 | 22 | 12.3 | < 1 | 5.5 |

Appendix III - Landfill Gas Summary

Caherciveen Waste Transfer Station

Monitoring of Landfill Gas Levels

| Date | Ref. | CH ₄ | CO_2 | O_2 | Atm. Pressure | Temperature |
|---------|------|-----------------|--------|-------|---------------|------------------------|
| | | % v/v | % v/v | % v/v | Mbar | Degrees Celsius |
| 6/10/08 | L1a | 6.8 | 2.5 | 20.1 | 1008 | 15 |
| | | | | | | |
| 13/5/09 | L1a | 5.4 | 3.3 | 21.4 | 1010 | 16 |
| | | | | | | |
| 3/12/09 | L1a | 6.9 | 3.4 | 20.9 | 1005 | 8 |
| | | | | | | |
| 20/4/10 | L1a | 1.0 | 0.3 | 20.1 | 1017 | 15 |
| | | | | | | |
| 20/7/11 | L1a | 0.1 | 0.0 | 20.8 | 1011 | 14 |
| | | | | | | |
| 1/11/11 | L1a | 0.4 | 0.2 | 20.5 | 997 | 12 |
| | | | | | | |
| | | | | | | |

Appendix IV - AER/PRTR Return 2011

Sheet : Facility ID Activities AER Returns Workbook 29/6/2012 14:44

REFERENCE YEAR 2011



| PRTR# : W8087 | Facility Name : Calterciveen Transfer Station | Filename : W8087 AER PRTR 2011 V1.xis | Return Year : 2011 |

Guidance to completing the PRTR workbook

AER Returns Workbook

Jaiming 8 9 92

| Parent Company Name | Kerry County Council |
|---|--|
| Facility Name | Caheroiveen Transfer Station |
| PRTR Identification Number | |
| Licence Number | W0087-01 |
| | |
| Waste or IPPC Classes of Activity | |
| No. | class_name |
| | Repackaging prior to submission to any activity referred to in a |
| 3.12 | preceding paragraph of this Schedule. |
| | 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 |
| 3.13 | produced. |
| 4.1 | Solvent reclamation or regeneration. |
| | 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 |
| 4.13 | produced. |
| | Recycling or reclamation of organic substances which are not used |
| | as solvents (including composting and other biological |
| 4.2 | transformation processes). |
| | Recycling or reclamation of metals and metal compounds. |
| | Recycling or reclamation of other inorganic materials. |
| Address 1 | Inchamacteige |
| | Caherciveen |
| Address 3 | Co Kerry |
| Address 4 | Mariound Mu |
| | |
| | Kerry |
| Country | |
| Coordinates of Location | |
| River Basin District | |
| NACE Code | |
| | Treatment and disposal of non-hazardous waste |
| AER Returns Contact Name | TOTAL PRODUCTION |
| AER Returns Contact Email Address | |
| AER Returns Contact Position | |
| AER Returns Contact Telephone Number | |
| AER Returns Contact Mobile Phone Number | |
| AER Returns Contact Fax Number | |
| Production Volume | 0. |
| Production Volume Units | |

| PRTR# : W0087 | Facility Name : Caherciveen Transfer Station | Filename : W0087 AER PRTR 2011 V1.xls | Return Year : 2011 | Page 1 of 2 Sheet: Facility ID Activities AER Returns Workbook 29/6/2012 14:44

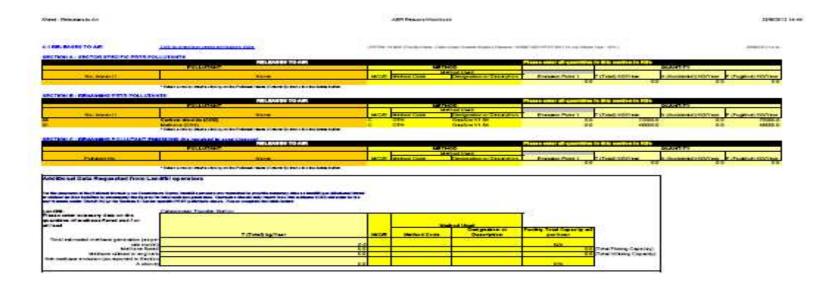
| Number of Operating Hours in Year | 0 |
|-----------------------------------|---|
| Number of Employees | 0 |
| User Feedback/Comments | |
| Web Address | |

2. PRTR CLASS ACTIVITIES

| Activity Number | Activity Name |
|-----------------|---------------|
| 50.1 | General |
| 50.1 | General |

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

| 0. 002121110 11200211110110 (0.1. 110: 040 01 20 | |
|--|----|
| Is it applicable? | No |
| Have you been granted an exemption ? | No |
| If applicable which activity class applies (as per | |
| Schedule 2 of the regulations) ? | |
| Is the reduction scheme compliance route being | |
| used ? | |



(MITTER WITTE) FRUITS NAME CONSISTENCE THROUGH MARKET STREET, STREET STREET, S



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Page 1 of 7

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