

Kerry County Council



Waste Licence Ref No. W0225-01

**Dingle Civic Amenity Site
Flemingstown, Lispole
An Daingean
Co. Kerry**

Annual Environmental Report

Reporting Period:

January– December 2015

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1.0 Introduction

Kerry County Council operates a civic amenity facility located in the townland of Flemingstown, Lispole adjacent to the N86 Dingle to Tralee road and approximately 5 km east of the town of Dingle, Co. Kerry. The site is accessed via the county road L-8052.

The principal activities at the facility include the recycling or reclamation of inorganic materials including mixed dry recyclables, C & D rubble, metals, glass, steel and aluminium cans, car batteries, dry cell batteries, fluorescent tubes, domestic hazardous waste, cardboard, plastic bottles, textiles, wood, WEEE and newspapers. Small quantities of organic waste (food and garden) are also collected.

Mixed municipal waste is also accepted on site and compacted into 30 cubic meter closed containers for subsequent transfer and disposal at North Kerry Landfill in Muingnamine, Tralee.

This Annual Environment Report is prepared in accordance with Condition 11.8 and Schedule F of Waste Licence W0225-01 issued by the Environmental Protection Agency (EPA).

2.0 Reporting Period

The reporting period for this Annual Environmental Report is 1st January – 31st December 2015.

3.0 Waste Activities carried out at the Facility

Waste disposal activities carried out at Dingle Civic Amenity Site are in accordance with Part 1 of Waste Licence W0225-01 which outlines the waste disposal activities licensed in accordance with the Third Schedule of the Waste Management Acts 1996 to 2005.

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 Dingle Civic Amenity Site are in accordance with Part 1 of Waste Licence W0225-01 which outlines the waste recovery activities licensed in accordance with the Fourth Schedule of the Waste Management Acts 1996 to 2005.

Licensed activities include:

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 2015.

Waste Disposal:

Waste collected at Dingle Civic Amenity Site for disposal during the reporting year (2015) increased slightly (8%) on the previous year (2014).

484.54 Tonnes of waste was accepted into Dingle Civic Amenity Site for disposal during 2015 which was an increase of 37.90 tonnes on the 2014 figures. This comprises of the following breakdown:

<i>Waste for Disposal</i>	<i>Tonnes 2012</i>	<i>Tonnes 2013</i>	<i>Tonnes 2014</i>	<i>Tonnes 2015</i>
Public /Domestic	226.64	319.90	409.1	456.46
Road Sweepings & Graveyard Waste	0.16	1.14	0.62	0.86
Flytipping	16.98	25.88	36.92	27.22
Total for Disposal	243.98	346.92	446.64	484.54

Table 1: Waste Stream Breakdown for reporting Period 2015.

It is expected that waste disposal and recycling rates at Dingle Civic Amenity Centre will increase slightly for the next reporting period (2016). This is evident from the trends as set out above in Table 1.

An introduction of 'Pay by Weight' charging for household kerbside waste collections is to be in place by 1st July 2016 however the introduction of 'Pay by Weight' to the various *recycling /civic amenity sites* has yet to be enacted.

Once the regulations are brought into statute, it is Kerry County Council's intension to assess the impact of these regulations and adapt the site where necessary to meet the new requirements. The Agency shall be informed of any changes to the site layout etc.

Appendix I gives a breakdown of waste by classification collected on site and sent for land filling/recovery/recycling off site during the reporting period.

Recycling & Recovery

Waste sent for recycling during 2015 compared with 2014 is outlined in Table 2 below.

<i>Waste for Recycling & Recovery</i>	
<i>2014</i>	<i>2015</i>
345.376 Tonnes	314.475 Tonnes

Table 2:

The quantities of waste sent for recycling in 2015 is slightly lower (30.90 tonnes) than 2014. As per the trends set out in Table 2, the WEEE tonnage for 2016 should decrease with the change in the manner in which WEEE is collected from shops as per WEEE Regulations S.I of 2014.

Waste collected at Dingle Civic Amenity & recovered/recycled off site during 2015		
Material type	EWC codes	Tonnes
Organic waste (food and garden)		
<i>garden (Dingle CAS & NKL)</i>	20 02 01	6.44
Mixed dry recyclables (Ecosence Bags)		
	15 01 06	68.88
Cardboard, newspaper and other paper		
<i>cardboard packaging</i>	15 01 01	26.58
<i>newspaper and magazines</i>	20 01 01	38.70
Glass		
<i>glass packaging (bottles)</i>	15 01 07	26.62400
<i>glass non-packaging (flat glass) - Dingle CAS</i>	20 01 02	0.000
Metals		
<i>aluminium cans (packaging)</i>	15 01 04	0.49000
<i>steel cans (packaging)</i>	15 01 04	1.63700
Total Metallic Packaging (Al Cans + Steel Cans)		2.12700
Totals of Glass Bottles, Al & Steel Cans		28.75100
<i>other metals (scrap metals)</i>	20 01 40	28.88
Plastic		
<i>plastic packaging (bottles)</i>	15 01 02	9.14
Composite packaging (e.g. tetrapaks)	15 01 05	
Textiles		
<i>textiles, non-packaging (clothes)</i>	20 01 11	3.24
Wood		
<i>mixed, uncontaminated wood packaging and non-packaging (collected at An Daingean)</i>	15 01 03; 20 01 38	36.48
Rubble - An Daingean CAS	17 01 07	10.20
Batteries		
<i>Ni-Cd batteries and accumulators</i>	16 06 02*	1.548
Household Hazardous Waste		
<i>Waste cooking or vegetable oils</i>	20 01 25	0.26
<i>Waste paint and varnish (including containers) litres</i>	08 01 11	2.600
<i>Aerosols litres</i>	16 05 04	0.24
<i>Fluorescent Tubes</i>	20 01 21	0.109
Total Household Hazardous Waste as per Envva		3.209
WEEE collected by compliance schemes		
<i>CRT</i>	20 01 35	13.681
<i>SDA - Small Domestic Appliances</i>	20 01 36	20.864
<i>LDA - Large Domestic Appliances</i>	20 01 36	11.110
<i>Cold</i>	16 02 11	6.772
Total CRT, SDA, LDA, COLD		52.4270
Grand Totals		314.475

Table 3: Waste collected on site & recovered/recycled off site during 2015

5.0 Summary of Procedures Developed by the Licensee

The following procedures were developed during the reporting period:

- Revised Operational Procedures for the site supervisor which included a daily inspection checklist of 'Emergency Stops' within the confines of the Transfer/ Recycling centre.

6.0 Emissions from the Facility

a) Foul Water Emissions

A Wastewater Treatment Unit and reed bed is installed at the facility to treat all foul waters from the site. The Wastewater Treatment Unit was serviced during 2014. Foul water is treated in the Wastewater Treatment Unit and reed bed before discharging to the surface water drain.

b) Surface Water Emissions

Surface water runoff from the site roads and uncontaminated surfaces discharges to the surface water drain via a Class 1 full retention interceptor. Visual inspections indicated no issues with surface water emissions from the facility but occasional discolouration and sedimentation in the stream was noted upstream of the discharge point.

The surface water monitoring results are attached in Appendix II. No significant impact was noted to date.

c) Waste from Silt Traps and Interceptors

No silt/sludge or wastewater was removed from the oil interceptor or foul waste water treatment unit during the reporting period.

7.0 Resource Consumption Summary

The following is the energy consumption for Dingle Civic Amenity Site for the reporting period.

7.1 Diesel

Electric compactors and a forklift truck are used at the Dingle civic amenity site as such there is no diesel usage.

7.2 Electricity

Electricity usage on site has decreased significantly since 2011.

Year	Average Electricity Usage kWh/day
2015	17.35
2014	15.33
2013	18.3
2012	16.8
2011	23

Table 4: Electrical Usage

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.

7.3 Water

Water supply to the site is via a connection to the mains water supply. Water is used on site for power washing yards, office toilets and sinks, public toilets and washing compactor area.

No surface water or ground water is abstracted.

8.0 Reported Incidents and Complaints

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

9.0 Schedule of Environmental Objectives and Targets for the Forthcoming Year 2016

Target Area	2016 - Objective	2016 – 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	<p>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.</p> <p>It is our objective to construct/purchase secure sheds on site for the storage of WEEE and bailed cardboard.</p>	<p>No wind blown litter on site or on the public road adjacent to our site. No overflowing bins on site.</p> <p>Proper segregation of cardboard and WEEE on site which will also give additional security for WEEE material.</p>
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.
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
Proposed Household Waste Regulations	<p>It is anticipated that the proposed Household Waste Regulations will have an impact on the operation and site layout of the Dingle Civic Amenity site.</p> <p>Once the regulations are brought in at the various ‘recycling stations’, it is Kerry County Council’s intension to assess the impact of these regulations and adapt the site where necessary to meet the new requirements.</p>	<p>Household Waste Regulations have yet to be put on the Statute Book.</p> <p>We will strive to ensure full compliance with the proposed ‘pay by weight’ regulations.</p>

10.0 Noise Monitoring Report Summary

Location Reference	Date and Time	L _{Aeq} dB	L _{A10} dB	L _{A90} dB	Tones	Description of Noise Sources
N1 (proxy) (nearest dwelling west of facility)	11:12-11:42	55	56	38	No	Road traffic noise from the N86 was the dominant noise source. Customers using the waste transfer station were also audible during lulls in the traffic.
	11:42-12:12	54	59	41		
	12:12-12:42	54	54	37		
N2 (nearest dwelling north of facility)	9:30-10:00	47	51	38	No	Birdsong and wind in nearby vegetation was the main noise source at this location due to the breeze. Background traffic noise from the N86 was faintly audible. The transfer station was not audible at this location.
	10:00-10:30	47	47	38		
	10:30-11:00	46	48	39		
N3 (nearest dwelling east of facility)	11:11-11:30	50	53	39	No	Birdsong and wind in nearby vegetation contributed to the ambient noise at this location. Dogs barking also contributed. Background traffic noise from the N86 was also audible. Tipping noise from the waste transfer station was audible occasionally.
	11:30-12:00	49	53	40		
	12:00-12:30	47	51	38		
N4 (nearest dwelling south of facility)	09:18-09:48	61	64	40	No	Unrelated road traffic noise from the N86, was the dominant noise source. A faint hum perhaps from the tipping shed was faintly audible during lulls in the traffic noise but the contribution of the waste transfer station was not considered significant. Birdsong, barking dogs, windborne noise and a nearby stream also contributed to the noise build up.
	09:48-10:48	60	61	40		
	10:18-10:48	59	60	39		

11.0 Dust Monitoring Summary

No dust monitoring was carried out during 2015 however dust monitoring was carried out during September/October 2014 in accordance with the licence conditions. The dust monitoring results were within the ELVs set down in the licence except for location D1.

There were no issues with dust during 2014 and no complaints were received in relation to dust at the facility during 2014 or 2015.

12.0 Development/Infrastructural Works Summary

No development works were carried out in 2015.

13.0 Proposed Development/Infrastructural Works for coming Year

On the 31st August 2015 the Government introduced a new legislative framework to give effect to previously flagged commitments around the management of household waste by amending the Waste Management Act 1996 through the Environment (Miscellaneous Provisions) Act 2015. An introduction of 'Pay by Weight' charging for household kerbside waste collections is to be in place by 1st July 2016 however the introduction of 'Pay by Weight' to the various recycling /civic amenity sites has yet to be put on the statute books.

It is anticipated that the proposed Household Waste regulations will have an impact on the operation and proposed layout of the facility. As part of our forward planning for this event, a digitised site survey is to be carried out by Kerry Council Road Design staff during 2016 to help with the traffic management layout of the site.

14.0 Report on Financial Provision in Dingle during 2015

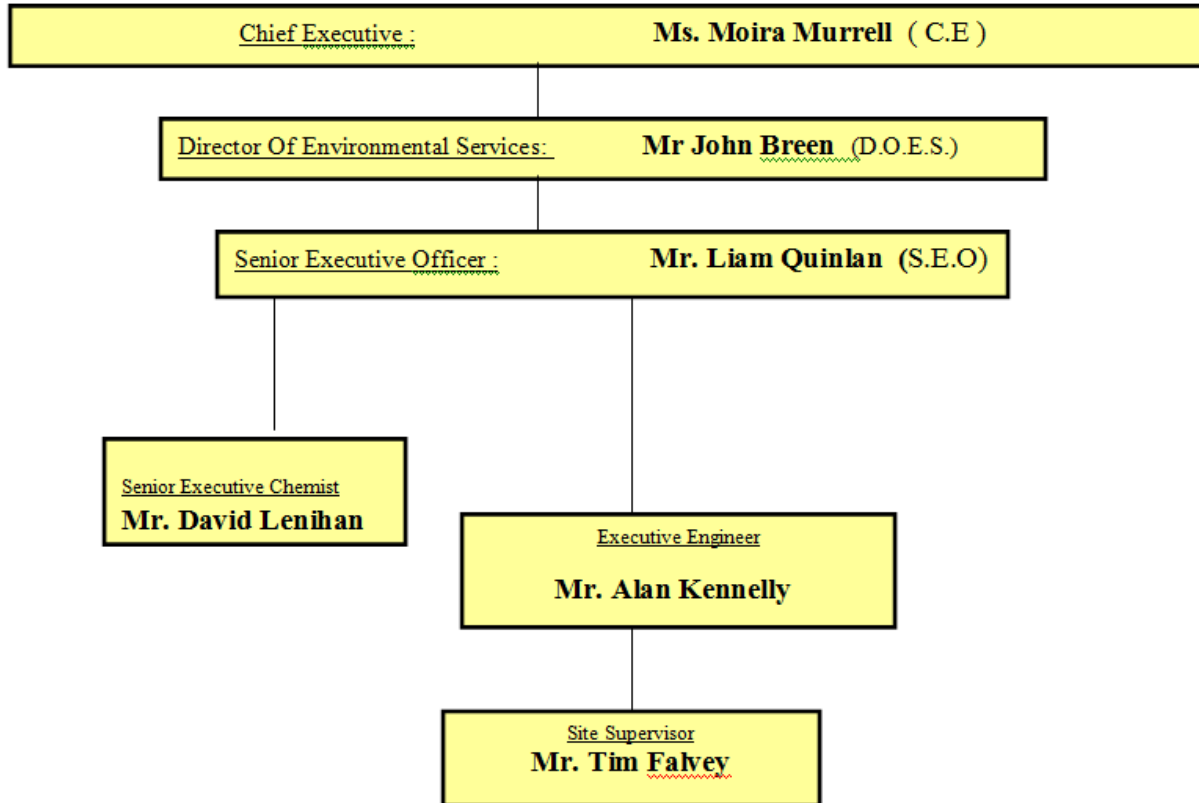
a) Statement of Costs for Waste Operations during 2015

Accelem	Accelem (Text)	Total Charge (€)
60030	Wages	€18,331.60
60040	Salaries	€4,827.06
60100	ER PRSI	€2,540.16
60200	Overtime	€1,143.43
60300	Arrears	€25.65
60500	Annual Leave	€975.16
60510	Bank Holiday Leave	€872.02
60600	Travel/Subsistence	€1,870.04
65500	Minor Contracts- Trade Services & other works	€54,900.77
69000	Hire (Ext) - Plant/Transport/Machinery & Equipment	€1,050.00
69200	Repairs & Maint - Plant	€0.00
69260	Repairs & Maint - Other Equip	€500.06
69400	Transfers from Machinery Yard	€927.50
69600	Other Vehicle Expenses	€0.00
70000	Materials	€282.00
70990	Issues from Stores	€81.01
71000	Insurance	€405.51
73400	Staff Travelling & Subsistence Expenses	€360.41
76000	Communication Expenses	€181.30
76100	Postage	€20.99
77200	Security - Property	€380.00
78000	Training	€0.00
79900	Consultancy/Professional Fees and Expenses	€880.00
81000	Printing & Office Consumables	€0.00
82100	Statutory Contributions to Other Bodies	€5,514.60
86000	Energy /Utilities	€1,267.28
99050	Refunds	€0.00
	TOTAL	€97,336.55

b) Statement of Costs for Recycling Operations during 2015

Accelem	Accelem (Text)	Total Charge (€)
60030	Wages	€16,125.80
60040	Salaries	€4,826.58
60100	ER PRSI	€2,671.70
60200	Overtime	€3,295.92
60300	Arrears	€25.65
60400	Sick Pay	€641.75
60500	Annual Leave	€2,344.55
60510	Bank Holiday Leave	€243.06
60600	Travel/Subsistence	€1,706.89
65500	Minor Contracts- Trade Services & other works	€19,760.93
66500	Non-Capital Equip Purchase - Fire Services	€43.01
69200	Repairs & Maint - Plant	€0.00
69260	Repairs & Maint - Other Equip	€204.04
69400	Transfers from Machinery Yard	€79.50
70000	Materials	€735.57
70990	Issues from Stores	€652.39
71000	Insurance	€0.00
73400	Staff Travelling & Subsistence Expenses	€411.92
76000	Communication Expenses	€141.77
77100	Courier	€15.00
77200	Security - Property	€380.00
78000	Training	€0.00
80000	Advertising	€0.00
81000	Printing & Office Consumables	€36.80
82100	Statutory Contributions to Other Bodies	€0.00
85100	Rates & Other LA Charges	€0.00
86000	Energy / Utilities	€0.00
	TOTAL	€54,342.83

16.0 Management and Staffing Structure at the Facility December 2015



17.0 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.

Appendix I - Waste Collected at Dingle Civic Amenity Site and Recovered/Recycled offsite during reporting period

An Daingean Civic Amenity Site Residual Waste - Tonnage Period 01/01/15 to 31/12/2015

	Levied Waste					Non Levied Waste						TOTALS	
	Public Car Household	* Non weighed waste inclusive of tickets	Account Holders VAT Inclusive	KCC Levied Waste	Total Levied Waste	KCC Roadsweeping/ Streetcleaning	Graveyard Waste	KCC Flytipping/Clean Ups	Environment Clean Ups/ Ftipping Invs Raised to Environment (In 2014 no invoices raised)	Total Non-levied	Total of Waste Over Weighbridge	Total Waste Out of Facility - Including Ticket Waste (Jan - 11th July 2014 = waste into NKL)	No. Loads out of TS
January 2015	9.94	31.74	0.00	0.00	41.68	0.00	0.00	0.00	1.50	1.50	11.44	43.18	4
January 2014	8.02	29.54	0.00	0.00	37.56	0.00	0.00	0.28	3.14	3.42	11.44	40.98	4
February 2015	8.62	19.52	0.00	0.00	28.14	0.00	0.00	0.62	0.68	1.30	9.92	29.44	3
February 2014	6.88	14.42	0.00	0.00	21.30	0.00	0.00	0.00	1.28	1.28	8.16	22.58	2
March 2015	11.40	16.76	0.00	0.00	28.16	0.00	0.00	0.00	2.10	2.10	13.50	30.26	3
March 2014	8.34	11.96	0.00	0.00	20.30	0.00	0.00	0.00	1.94	1.94	10.28	22.24	2
April 2015	9.96	35.60	0.00	0.06	45.62	0.00	0.00	0.04	1.62	1.66	11.68	47.28	5
April 2014	10.68	27.26	0.00	0.00	37.94	0.00	0.04	0.00	4.14	4.18	14.86	42.12	4
May 2015	10.94	12.58	0.00	0.00	23.52	0.00	0.00	0.00	3.80	3.80	14.74	27.32	3
May 2014	11.60	22.20	0.00	0.23	34.03	0.00	0.44	0.00	6.37	6.81	18.64	40.84	4
June 2015	9.94	27.90	0.00	0.00	37.84	0.00	0.00	0.04	2.24	2.28	12.22	40.12	4
June 2014	10.20	27.10	0.00	0.12	37.42	0.00	0.00	0.06	3.62	3.68	14.00	41.10	4
July 2015	13.00	38.70	0.00	0.04	51.74	0.00	0.00	0.00	4.94	4.94	17.98	56.68	5
Total July 2014	14.68	35.23	0.00	0.06	49.97	0.00	0.00	0.00	4.59	4.59	19.33	54.56	5
August 2015	12.12	29.98	0.00	0.12	42.22	0.00	0.00	0.10	2.66	2.76	15.00	44.98	4
August 2014	15.28	23.16	0.00	0.00	38.44	0.00	0.00	1.22	3.46	4.68	19.96	43.12	4
September 2015	11.42	29.86	0.00	0.00	41.28	0.00	0.00	0.00	2.72	2.72	14.14	44.00	4
September 2014	6.52	31.80	0.00	0.00	38.32	0.00	0.00	0.08	3.10	3.18	9.70	41.50	4
October 2015	10.84	30.16	0.00	0.38	41.38	0.00	0.00	0.00	2.62	2.62	13.84	44.00	4
October 2014	8.10	23.84	0.00	0.14	32.08	0.00	0.00	0.12	1.52	1.64	9.88	33.72	3
November 2015	9.66	23.70	0.00	0.10	33.46	0.00	0.00	0.00	1.44	1.44	11.20	34.90	3
November 2014	7.88	23.70	0.00	0.00	31.58	0.00	0.14	0.22	0.86	1.22	9.10	32.80	3
December 2015	10.02	31.40	0.00	0.00	41.42	0.00	0.00	0.06	0.90	0.96	10.98	42.38	4
December 2014	7.74	22.35	0.00	0.07	30.16	0.00	0.00	0.00	0.92	0.92	8.73	31.08	3
Total Tonnage 2015	127.86	327.90	0.00	0.70	456.46	0.00	0.00	0.86	27.22	28.08	156.64	484.54	46
Total Tonnage 2014	115.92	292.56	0.00	0.62	409.10	0.00	0.62	1.98	34.94	37.54	154.08	446.64	42
Grand Total		456.46						28.08					

Household Waste Deposited at An Dangan Civil Amenity Site in 2015

		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Material type	Suggested EWC codes													
Organic waste (food and garden)														
Food from bins (waste Mixture 75)	20 01 08													0.00
Garden (Green Waste)	20 02 01		6.44											6.44
Mixed dry recyclables (brown paper bags)														
Cardboard, newspaper and other paper	20 03 01	6.20	4.70	4.02	4.54	5.56	5.24	9.84	7.10	6.00	5.14	4.52	5.62	89.88
Cardboard, newspaper and other paper														
cardboard packaging	15 01 01	4.25	0.00	4.42	0.00	3.26	0.00	3.96	3.46	0.00	3.96	3.12	0.00	26.58
cardboard non-packaging	20 01 01													0.00
paper packaging	15 01 01													0.00
paper non-packaging	20 01 01													0.00
Newspaper and magazines	20 01 01	4.25	3.22	0.00	3.26	5.06	2.52	2.76	4.40	2.56	2.44	3.26	4.70	39.70
Glass														0.00
glass packaging (bottles)	15 01 07	2.6570	2.6500	1.2140	2.6500	0.0000	3.5200	2.2600	3.0100	2.6950	1.7570	2.3520	2.6210	26.6240
glass non-packaging (flat glass)	20 01 02													0.0000
Metals														
aluminium cans (packaging)	15 01 04	0.0760	0.0000	0.0200	0.0450	0.0000	0.0630	0.0430	0.0760	0.0460	0.0230	0.0240	0.0600	0.4950
steel cans (packaging)	15 01 04	0.2070	0.1870	0.0620	0.2320	0.0000	0.2120	0.1620	0.1590	0.0620	0.0740	0.1610	0.1210	1.6279
other metals (strong metals)	20 01 40	0.00	3.95	0.00	4.10	0.00	3.56	3.96	0.00	4.22	3.90	0.00	5.16	26.38
Plastics														
plastic packaging (bottles)	15 01 02	0.76	0.66	0.00	0.50	1.15	0.64	0.62	1.62	0.52	0.65	0.54	0.52	9.14
plastic non-packaging	20 01 29													0.00
polystyrene	15 01 05													0.00
Composite packaging (e.g. tetrapak)														
textiles														0.00
textiles, packaging	15 01 06													0.00
textiles, non-packaging (clothes)	20 01 11						1.06				0.96	0.64	0.56	3.24
Wood														
wood packaging	15 01 03													0.00
wood non-packaging	20 01 26													0.00
mixed, unsorted/minimal wood packaging and non-packaging (collected at An Dangan)	15 01 03													0.00
	20 01 26	0.00	5.20	0.00	4.12	4.60	0.00	5.12	5.12	4.92	0.00	7.20		36.48
Waste, treated, hazardous														
Batteries														
lead acid batteries and accumulators (Car Batteries)	16 06 01*													0.00
Ni-Cd batteries and accumulators	16 06 02*	0.000	0.000	0.700	0.000	0.000	0.000	0.432	0.000	0.000	0.000	0.000	0.416	1.948
Other (e.g. alkaline) batteries and accumulators (Small Batteries)	16 06 04													0.00
Household Hazardous Waste														
Waste mineral oils (Engine Oil)	13 02 05	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oil filters (vehicles)	13 05 99	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
Oil containers (mineral oil) - plastic & metal	15 01 10	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
Waste cooking or vegetable oils - collected by Tadhg Buidé	20 01 25	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.26
Waste paint and varnish (including containers)	08 01 11	0.00	0.00	1.42	0.00	0.00	0.00	0.00	1.18	0.00	0.00	0.00	0.00	2.600
Aerosols	16 05 04	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.24
Waste collected by compliance schemes														
CHE	20 01 26	1.472	0.000	1.246	1.431	0.000	1.091	1.407	1.234	1.266	0.911	0.705	2.015	13.661
SDA - Small Domestic Appliances	20 01 26	2.405	0.000	3.032	1.659	0.000	2.396	1.636	2.239	1.794	2.600	1.032	2.030	20.964
LRA - Large Domestic Appliances	20 01 26	1.239	0.000	1.430	0.925	0.000	1.320	0.756	1.100	1.100	1.620	0.000	1.570	11.119
CoM	20 01 26	0.626	0.000	0.655	0.559	0.000	1.204	0.106	0.903	0.446	0.500	0.000	0.740	6.772
Rubbish & O Waste (An Dangan CAS)														
Ink Cartridges	08 01 11										10.20			10.20
Fluorescent Tubes	20 01 11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.049	0.00	0.109

Tonnes provided by Citra 10/12/15

25.7510

52.421

Appendix II – Environmental Monitoring Results

Kerry County Council laboratory staff carried out surface water monitoring in 2014 see below.

Surface Water Monitoring

Category	Project	Location	Location E	Location N	Sample Re	Sample Da	Sample Tir	Sample Me	Comments	Ammonium		pH		BOD (5day)		Conductivi		Chemical C		Chloride		Dissolved C		Suspendec		Temperatu		Appearanc		Odour	
										NH4	Physchem	O2	Physchem	O2	Cl	O2	Physchem	Physchem	Physchem	Physchem	Degrees C	Descriptive	Descriptive								
										mg/l	pH units	mg/l	µS/cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	Degrees C	Descriptive	Descriptive									
										--	9	--	--	--	--	15	--	--	--	--	--	--									
										--	--	--	--	--	--	--	--	--	--	--	--	--									
										--	6	--	--	--	--	5	--	--	--	--	--	--									
Landfill	Dingle	S5	48195.3	100990.1	2013/4534	16-Oct-13	13:45	Grab		0.11	7	3.5	278	74	35.8	4.4	96	13.1													
Landfill	Dingle	Surface Water S1 (downstream)	48218.9	100985.4	2014/1290	01-Apr-14	11:40	Grab		0.12	7.2	5.7	534	38	84.7	6.4	44	11.6			ND										
Landfill	Dingle	Surface Water S1 (downstream)	48218.9	100985.4	2014/1291	01-Apr-14	11:40	Grab		0.1	7.2	7.6	496	53	75.6	6.4	91	11.6			ND										
Landfill	Dingle	S5	48195.3	100990.1	2014/1288	01-Apr-14	11:18	Grab	Very very overgrown and lots of iron	0.33	6.9	5.2	402	31	53.7	4.7	72	10.8			ND										
Landfill	Dingle	SW 1	48219.3	100982.1	2014/1289	01-Apr-14	11:50	Grab	Water level above pipe so sample contaminated by S1 etc	0.82	8	1.9	837	24	171.7	8	18	10.7			ND										

Foul Water

Category	Project	Location	Location E	Location N	Sample Re	Sample Da	Sample Tir	Sample Me	Comments	Ammonium		pH		BOD (5day)		Conductivi		Chemical C		Chloride		Dissolved C		Suspendec		Temperatu		Appearanc		Odour	
										NH4	Physchem	O2	Physchem	O2	Cl	O2	Physchem	Physchem	Physchem	Physchem	Degrees C	Descriptive	Descriptive								
										mg/l	pH units	mg/l	µS/cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	Degrees C	Descriptive	Descriptive									
										--	9	--	--	--	--	15	--	--	--	--	--	--									
										--	--	--	--	--	--	--	--	--	--	--	--	--									
										--	6	--	--	--	--	5	--	--	--	--	--	--									
Landfill	Dingle	FE 1 Outlet of reed bed	48216.9	100984.1	2014/1292	01-Apr-14	11:56	Grab	NO flow																						

In 2015, laboratory staff attended on site but were unable to sample due to insufficient flow rates. A further sample has been taken in January 2016 which will be included in next years AER.

Appendix III – Dust Monitoring Results



OUR REF: RP 2014 | KERRY COUNTY COUNCIL – DINGLE | 001

PAGE 01 | 01

ANALYSIS REPORT

CUSTOMER:	KERRY COUNTY COUNCIL	SAMPLE TYPE:	DUST
ADDRESS:	Environment Section, Main Street, Tralee, County Kerry	CONDITION OF SAMPLE ON RECEIPT:	Satisfactory
REPORT TO:	TARA O CARROLL	DATE SAMPLED:	September – October 2014
SAMPLED BY:	John Mannix	DATE RECEIVED:	07 November 2014
SAMPLING PT:	DINGLE CIVIC AMENITY SITE	DATE ANALYSED:	03- 05 December 2014
ORDER NO:		DATE REPORTED:	11 December 2014
		WORK NO.:	31609 C

TABLE OF RESULTS

METHOD:	LAB REF:	YOUR REF:	TOTAL PARTICULATES mg/m ² /day	INORGANIC PARTICULATES mg/m ² /day
SCP 039	C14-Nov 215	D1	285	97
SCP 039	C14-Nov 216	D2	71	17
SCP 039	C14-Nov 217	D3	151	57
SCP 039	C14-Nov 218	D4	172	50

Jennifer Keane
 Jennifer Keane
 Chemistry Laboratory

- The results relate only to the items tested.
- The analysis report shall not be reproduced except in full without written approval of the laboratory.

(registered office)
 dunrine | killarney | county kerry | ireland | telephone +353 (0)64 6633922 | fax +353 (0)64 6639022
 web site www.southernscientificireland.com | e-mail info@southernscientificireland.com

directors: K. Murphy, M. Murphy & C. Murphy
 registered in ireland no 323196 | vat reg no IE 6343196 M

Appendix IV – Noise Monitoring Report

16490-6002-A

Noise Survey

February 2015

ISSUE FORM	
Project number	16490
Document number	6002
Document revision	A
Document title	Noise Survey
Document status	Draft
Document prepared by	Peter Barry
Document checked by	MR (MWP) / 2015-09-16

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List of appendices

Appendix 1	Calibration Certificates
Appendix 2	Glossary of Noise Related Terms

1 INTRODUCTION

Kerry County Council operates a waste transfer station in Lispole, near Dingle. The facility operates within the conditions set out in the waster licence register number W0225-01. Under the terms of this licence the facility is required to carry out an annual environmental noise survey. The results of this survey are described below.

2 METHODOLOGY

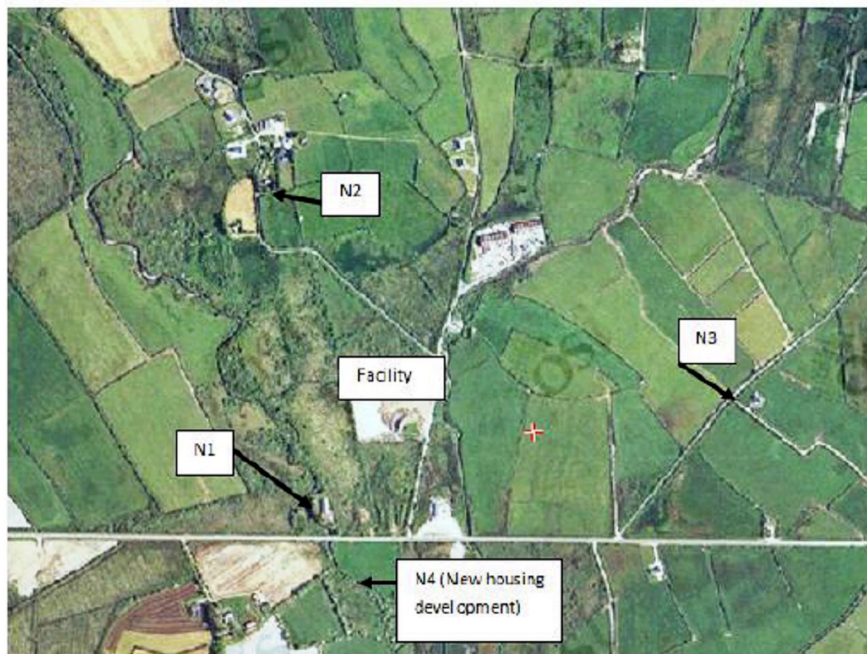
2.1 MONITORING PERIODS

The survey was carried out in accordance with the EPA guidance document, EPA guidance note 4- Guidance Note for Noise: Licence Applications, Surveys and Assessments in relation to Scheduled Activities. In accordance with the guidance note the noise surveys were carried out over three monitoring periods during the normal daytime operating times. Monitoring was undertaken for 30 minutes at each location. Noise monitoring was undertaken by Peter Barry (AMIOA) of Malachy Walsh and Partners on the 08th January 2015.

2.2 MONITORING LOCATIONS

Monitoring was undertaken at the four nearest noise sensitive locations (B1, B2, B3 and B4). The locations are shown on Figure 1.

Figure1: NOISE MONITORING LOCATIONS



2.2.1 Photographs of Noise Monitoring Locations



Location N1 was relocated to the western boundary of the waste transfer station as the residents of N1 were not home. If the licence criteria can be achieved at this alternative location, then the original N1 is also in compliance.

2.3 SURVEY EQUIPMENT

The measurements were made using a Bruel & Kjaer type 2250 Light and a Larson Davis 820 Logging integrating Sound Level Meter. These are Type 1 instruments in accordance with IEC 651 regulations. The Time Weighting used was Fast and the Frequency Weighting was A-weighted as per IEC 651. The sound level meters (SLM) were mounted on a tripod at 1.5m above ground level and at least 2m away from any sound reflecting objects. A windshield was placed on the microphone to reduce any wind interference during measurements.

Factory calibration certificates for the noise level meter and acoustic calibrator, detailing equipment serial numbers, calibration traceability and re-calibration dates are attached as Appendix A.

2.4 MEASUREMENT PARAMETERS

In order to be able to interpret the noise levels correctly several parameters were measured. These include the;

- L_{Aeq} Time-averaged A weighted noise level.
- L_{A90} Noise level exceeded for 90 % of measurement period (steady underlying noise level).
- L_{A10} Noise level exceeded for 10 % of measurement period.

A subjective analysis for the presence of tones and impulsive noise was also undertaken at each location.

2.5 METEOROLOGICAL CONDITIONS

Meteorological conditions were noted as dry, mild with light winds generally not exceeding 5 meters per second (ms^{-1}). It is recommended that outdoor noise monitoring is not undertaken in adverse weather conditions as the wind or rain can elevate the readings. Ideally there should be no rain and wind speeds should generally not exceed $5 ms^{-1}$.

3 NOISE SOURCES

The main noise sources at this facility include:

- A tipping area where costumers tip rubbish from cars and trailers. The rubbish is deposited into a compaction area and is compacted and a container filled for removal off site.
- Customer's vehicles entering and existing the facility.
- Customers using the various recycling and waste skips and areas.

4 RESULTS

Table 1. Noise Monitoring Results

Location Reference	Date and Time	L _{Aeq} dB	L _{A10} dB	L _{A90} dB	Tones	Description of Noise Sources
N1 (proxy) (nearest dwelling west of facility)	11:12-11:42	55	56	38	No	Road traffic noise from the N86 was the dominant noise source. Customers using the waste transfer station were also audible during lulls in the traffic.
	11:42-12:12	54	59	41		
	12:12-12:42	54	54	37		
N2 (nearest dwelling north of facility)	9:30-10:00	47	51	38	No	Birdsong and wind in nearby vegetation was the main noise source at this location due to the breeze. Background traffic noise from the N86 was faintly audible. The transfer station was not audible at this location.
	10:00-10:30	47	47	38		
	10:30-11:00	46	48	39		
N3 (nearest dwelling east of facility)	11:11-11:30	50	53	39	No	Birdsong and wind in nearby vegetation contributed to the ambient noise at this location. Dogs barking also contributed. Background traffic noise from the N86 was also audible. Tipping noise from the waste transfer station was audible occasionally.
	11:30-12:00	49	53	40		
	12:00-12:30	47	51	38		
N4 (nearest dwelling south of facility)	09:18-09:48	61	64	40	No	Unrelated road traffic noise from the N86, was the dominant noise source. A faint hum perhaps from the tipping shed was faintly audible during lulls in the traffic noise but the contribution of the waste transfer station was not considered significant. Birdsong, barking dogs, windborne noise and a nearby stream also contributed to the noise build up.
	09:48-10:48	60	61	40		
	10:18-10:48	59	60	39		

5 CONCLUSION

At N1, N3 and N4 the most influential noise source was traffic on the N86. At N2, wind in the trees was the main noise source. The waste transfer station did not contribute significantly to the ambient noise levels at any location.

The L_{A90} or measured background noise level can be considered a truer reflection of the noise environment in the absence of traffic and ranged between 37dB and 41dB. Based on observations noted during the surveys and an analysis of the results it is determined that the Dingle Waste Transfer Station is not causing a noise nuisance to neighbours and operates within the noise limits set out in the waste licence.

No tones were noted at any location. At the boundary locations there were occasional impact noises from waste material being dropped into skips and bins, however this impulsive noise would not cause disturbance or annoyance at any off site location and does not warrant a penalty.

The Dingle Waste Transfer Station is operating within the waste licence noise emission criteria.

Appendix 1

Calibration Certificates

Certificate of Calibration and Conformance

Certificate Number 2014-189699

Instrument Model PRM828, Serial Number 2952, was calibrated on 16 Apr 2014. The instrument meets factory specifications per Procedure D0001.8135.

New Instrument

Date Calibrated: 16 Apr 2014

Calibration due:

Calibration Standards Used

MANUFACTURER	MODEL	SERIAL NUMBER	INTERVAL	CAL. DUE	TRACEABILITY NO.
Agilent Technologies	34401A	MY41044529	12 Months	4 Feb 2015	6396720
Larson Davis	LDSigGn/2209	0277 / 0109	12 Months	12 Mar 2015	2014-187602

Reference Standards are traceable to the National Institute of Standards and Technology (NIST)

Calibration Environmental Conditions

Temperature: 23 ° Centigrade

Relative Humidity: 50 %

Affirmations

This Certificate attests that this instrument has been calibrated under the stated conditions with Measurement and Test Equipment (M&TE) Standards traceable to the U.S. National Institute of Standards and Technology (NIST). All of the Measurement Standards have been calibrated to their manufacturers' specified accuracy / uncertainty. Evidence of traceability and accuracy is on file at Provo Engineering & Manufacturing Center. An acceptable accuracy ratio between the Standard(s) and the item calibrated has been maintained. This instrument meets or exceeds the manufacturer's published specification unless noted.

The collective uncertainty of the Measurement Standard used does not exceed 25% of the applicable tolerance for each characteristic calibrated unless otherwise noted.

The results documented in this certificate relate only to the item(s) calibrated or tested. A one year calibration is recommended, however calibration interval assignment and adjustment are the responsibility of the end user. This certificate may not be reproduced, except in full, without the written approval of the issuer.

Signed: *Ron Harris*
Technician: Ron Harris



Certificate of Calibration and Conformance

Certificate Number 2014-189710

Instrument Model 820, Serial Number 1915, was calibrated on 16 Apr 2014. The instrument meets factory specifications per Procedure D0001.8160, ANSI S1.4 1983, IEC 651-Type 1 1979, and IEC 804-Type 1 1985.

New Instrument
Date Calibrated: 16 Apr 2014
Calibration due:

Calibration Standards Used

MANUFACTURER	MODEL	SERIAL NUMBER	INTERVAL	CAL. DUE	TRACEABILITY NO.
Larson Davis	LDSigGn/2209	0277 / 0109	12 Months	12 Mar 2015	2014-187602

Reference Standards are traceable to the National Institute of Standards and Technology (NIST)

Calibration Environmental Conditions

Temperature: 23 ° Centigrade

Relative Humidity: 50 %

Affirmations

This Certificate attests that this instrument has been calibrated under the stated conditions with Measurement and Test Equipment (M&TE) Standards traceable to the U.S. National Institute of Standards and Technology (NIST). All of the Measurement Standards have been calibrated to their manufacturers' specified accuracy / uncertainty. Evidence of traceability and accuracy is on file at Provo Engineering & Manufacturing Center. An acceptable accuracy ratio between the Standard(s) and the item calibrated has been maintained. This instrument meets or exceeds the manufacturer's published specification unless noted.

The collective uncertainty of the Measurement Standard used does not exceed 25% of the applicable tolerance for each characteristic calibrated unless otherwise noted.

The results documented in this certificate relate only to the item(s) calibrated or tested. A one year calibration is recommended, however calibration interval assignment and adjustment are the responsibility of the end user. This certificate may not be reproduced, except in full, without the written approval of the issuer.

Tested with PRM628-2952

Signed: Ron Harris
Technician: Ron Harris

Page 1 of 1

Provo Engineering and Manufacturing Center, 1681 West 820 North, Provo, Utah 84601
Toll Free: 888.258.3222 Telephone: 716.926.8243 Fax: 716.926.8215
ISO 9001-2008 Certified



NSAI

National Metrology Laboratory

Certificate of Calibration

Issued to Malachy Walsh & Partners
Reen Point
Blennerville
Tralee, Co Kerry

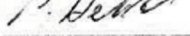
Attention of Peter Barry

Certificate Number	E130118
Item Calibrated	Bruel & Kjaer Type 2250 "Light" Sound Level Meter and 4950 Microphone
Serial Number	2654709 and 2657422 (microphone)
Client ID Number	-----
Order Number	MWP130108
Date Received	09 Jan 2013
NML Procedure Number	AP-NM-09

Method The above sound level meter was allowed to stabilise for a suitable period in laboratory conditions. The verification checks performed are those outlined in BS7580:Pt 1 (1997), *Specification for the verification of sound level meters*. This British Standard specifies a procedure for the periodic verification of conformance of a sound level meter or integrating-averaging meter to IEC60651 (1994) and IEC60804 (2000), respectively. Prior to calibration the instrument was tested, and its overall sensitivity adjusted in accordance with Clause 5.4 of BS 7580: Pt 1 using its associated sound level calibrator.

Calibration Standards Norsonic 1504A Calibration System incorporating:
SR DS360 Signal Generator, No. 0735, [Cal. Due Date: 17 Jul 2013]
Agilent 34401A Digital Multimeter, No. 0736 [Cal Due Date: 11 Jul 2013]
B&K 4134 Measuring Microphone, No. 0743 [Cal Due Date: 17 Apr 2014]
B&K 4228 Pistonphone, No. 0740 [Cal. Due Date: 08 Aug 2014]
B&K 4226 Acoustical Calibrator, No. 0150, [Cal. Due Date: 30 Oct 2013]

Calibrated by 
Oliver Power

Approved by 
Paul Hetherington

Date of Calibration 16 Jan 2013

Date of Issue 16 Jan 2013



This certificate is consistent with Calibration and Measurement Capabilities (CMC's) that are included in Appendix C of the Mutual Recognition Arrangement (MRA) drawn up by the International Committee for Weights and Measures. Under the MRA, all participating institutes recognize the validity of each other's calibration certificates and measurement reports for quantities, ranges and measurement uncertainties specified in Appendix C (for details see www.bipm.org)



NSAI

National Metrology Laboratory

Certificate of Calibration

Issued to Calmet Limited
1E Three Rock Road
Sandyford Industrial Estate
Dublin 18

Attention of Gerry Segrave

Certificate Number E14202
Item Calibrated Bruel & Kjaer Type 4231 Sound Level Calibrator
Serial Number 2665058
Client ID Number -----
Order Number 71135
Date Received 10 Apr 2014
NML Procedure Number AP-NM-13

Method The above calibrator was allowed to stabilize for a suitable period in laboratory conditions. It was then calibrated by measuring the sound pressure level generated in its measuring cavity (half-inch configuration). The calibrator's operating frequency was also measured.

Calibration Standards Norsonic 1504A Calibration System incorporating:
Agilent 34401A Multimeter, No. 0736 [Cal due date: 10 Jul 2014]
B & K 4134 Measuring Microphone, No. 0743 [Cal due date: 23 Jan 2015]
B & K 4228 Pistonphone, No. 0740 [Cal due: 23 Jan 2015]

Calibrated by *Sam Boles*
Sam Boles *9*

Approved by *P. Hetherington*
Paul Hetherington

Date of Calibration 14 Apr 2014

Date of Issue 22 Apr 2014



This certificate is consistent with Calibration and Measurement Capabilities (CMC's) that are included in Appendix C of the Mutual Recognition Arrangement (MRA) drawn up by the International Committee for Weights and Measures. Under the MRA, all participating institutes recognize the validity of each other's calibration certificates and measurement reports for quantities, ranges and measurement uncertainties specified in Appendix C (for details see www.bipm.org)

Appendix 2

Glossary of Noise Related Terms

Ambient Noise

Totally encompassing sound in a given situation at a given time usually composed of a sound from many sources near and far.

Background noise level

The A-weighted sound pressure level of the residual noise at the assessment position that is exceeded for 90% of a given time interval, T measured using time weighting F, and quoted to the nearest whole number of decibels.

EPA**Day:**

0800 hrs to 2200 hrs

Night:

2200 hrs to 0800 hrs

Decibel (dB)

The unit of sound pressure level, calculated as a logarithm of the intensity of sound. 0 dB is the threshold of hearing, 140 dB is the threshold of pain. A change of 1 dB is detectable only under laboratory conditions. A change of 10 dB corresponds approximately to halving or doubling the loudness of sound.

dB(A)

Decibels measured on a sound level meter incorporating a frequency weighting (A weighting) which differentiates between sound of different frequency (pitch) in a similar way to the human ear. Measurements in dB(A) broadly agree with peoples assessment of loudness.

Hertz (Hz)

Unit of frequency (pitch) of a sound

Impulsive Noise

A noise which is of short duration (typically less than one second), the sound pressure level of which is significantly higher than the background

1/3 Octave band analysis

Frequency analysis of sound such that the frequency spectrum is sub divided into bands of one third of an octave each. An octave is taken to be the frequency interval, the upper limit of which is twice the lower limit (in Hertz).

LAeq

Equivalent Continuous A-weighted Sound Level. The continuous steady noise level, which would have the same total A-weighted acoustic energy as the real fluctuating noise measured over the same period of time.

L(A)₁₀

The noise level that is equalled or exceeded for 10% of the measurement period

L(A)₉₀

The noise level that is equalled or exceeded for 90% of the measurement period

Noise

Unwanted sound. Any sound which has the potential to cause disturbance, discomfort or psychological stress to a subject exposed to it, or any sound which has the potential to cause actual physiological harm to a subject exposed to it or physical damage to any structure exposed to it, is known as noise

Noise Sensitive Receptor

A noise sensitive receptor is regarded as any dwelling house, hotel or hostel, health building, educational establishment, places of worship or entertainment, or any other facility or area of high amenity which for its proper enjoyment requires the absence of noise at nuisance levels

Rating level $L_{A,Tf}$

The specific noise level plus any adjustment for the characteristic features of the noise

Residual Noise

The ambient noise remaining at a given position in a given situation when the specific noise source is suppressed to a degree such that it does not contribute to the ambient noise

Sound Power

The energy output from a source. It is measured in Watts (W)

Specific Noise Source

The noise source under investigation for assessing the likelihood of complaints

Tone

A noise with a narrow frequency composition

Appendix V – PRTR Return for 2015

1	PRTR#: W0225 Facility Name: Dingle Civic Amenity Centre Filename: W0225_2015.xls Return Year: 2015	
2		
3		
4	Guidance to completing the PRTR workbook	
5	PRTR Returns Workbook	
6	Version 1.1.19	
7	REFERENCE YEAR 2015	
8		
9		
10		
11	1. FACILITY IDENTIFICATION	
12	Parent Company Name	Kerry County Council
13	Facility Name	Dingle Civic Amenity Centre
14	PRTR Identification Number	W0225
15	Licence Number	W0225-01
16		
17	Classes of Activity	
18	No.	class name
19	-	Refer to PRTR class activities below
20		
21		
22	Address 1	Flemingstown
23	Address 2	Lispole
24	Address 3	An Daingean
25	Address 4	
26		
27	Country	Kerry
28	Coordinates of Location	Ireland
29	River Basin District	-10.2181 52.1409
30	NACE Code	IESW
31	Main Economic Activity	3821
32	AER Returns Contact Name	Treatment and disposal of non-hazardous waste
33	AER Returns Contact Email Address	Alan Kennelly
34	AER Returns Contact Position	alan.kennelly@kerrycoco.ie
35	Returns Contact Telephone Number	EE
36	Returns Contact Mobile Phone Number	0667162014
37	Returns Contact Fax Number	0879088205
38	Production Volume	0667162001
39	Production Volume Units	0.0
40	Number of Installations	0
41	Number of Operating Hours in Year	0
42	Number of Employees	1
43	User Feedback/Comments	0.26 Tonne of waste cooking oil collected by Eco Oil EWC 20 01 25
44	Web Address	www.kerrycoco.ie
45		
46		
47	2. PRTR CLASS ACTIVITIES	
48	Activity Number	Activity Name
49	50.1	General
50	50.1	General
51		
52	3. SOLVENTS REGULATIONS (S.I. No. 543 of 2002)	
53	Is it applicable?	
54	Have you been granted an exemption?	
55	If applicable which activity class applies (as per Schedule 2 of the regulations)?	
56	Is the reduction scheme compliance route being used?	
57		
58	4. WASTE IMPORTED/ACCEPTED ON SITE Guidance on waste imported/accepted onto site	
59	Do you import/accept waste onto your site for on-site treatment (either recovery or disposal activities)?	
60	This question is only applicable if you are an IPPC or Quarry site	
61		

A	B	C	D	E	F	G	H	I	J	K	L
Within the Country	15 01 04	No	2.127	metallic packaging	R4	M	Weighted	Offsite in Ireland	Dillon waste Ltd, WFP/KY/10/0001/01 Killarney Waste Disposal, W0217-01 Dillon waste	The Kerries,, Tralee, County Kerry, Ireland	
Within the Country	15 01 06	No	68.88	mixed packaging	R3	M	Weighted	Offsite in Ireland		Aughacureen,, Killarney ,County Kerry, Ireland	
Within the Country	15 01 07	No	26.624	glass packaging	R5	M	Weighted	Offsite in Ireland	Ltd, WFP/KY/10/0001/01	The Kerries,, Tralee, County Kerry, Ireland	
Within the Country	15 01 10	Yes	2.6	packaging containing residues of or contaminated by dangerous substances	R3	M	Weighted	Offsite in Ireland	Envs, W0184-01	Clonminam Industrial Estate ,, Portlaoise, County Laois, Ireland	ENVA, W0184-01, ENVA Ireland, Clonminam Industrial Estate, Portlaoise, Co Laois, Ireland
To Other Countries	16 02 11	Yes	6.772	discarded equipment containing chlorofluorocarbons, HCFC, HFC	R4	M	Weighted	Abroad	Electrical Waste Management, WFP-DS-11-0014-04	Block 648, Jordanstown Drive, Greenogue Ind Est, Dublin, Ireland	101767, Alexander Dock 1, Bootle, Liverpool, L201BU X, United Kingdom
To Other Countries	16 02 14	No	11.11	discarded equipment other than those mentioned in 16 02 03 to 16 02 13	R4	M	Weighted	Abroad	Electrical Waste Management, WFP-DS-11-0014-04	Block 648, Jordanstown Drive, Greenogue Ind Est, Dublin, Ireland	
To Other Countries	16 05 04	Yes	0.24	gases in pressure containers (including halons) containing dangerous substances mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17	R2	M	Weighted	Abroad	Envs, W0184-01 Higgins	Clonminam Industrial Estate ,, Portlaoise, County Laois, Ireland	KS Recycling, 12 150 80 80, Raiffeisenstr 38, Sonsbeck,, , Germany
Within the Country	17 01 07	No	10.2	01 06	R5	M	Weighted	Offsite in Ireland	Waste, WFP/KY/50/04/200 3	The Kerries,, Tralee, County Kerry, Ireland	
Within the Country	20 01 01	No	38.7	paper and cardboard	R3	M	Weighted	Offsite in Ireland	Dillon waste Ltd, WFP/KY/10/0001/01 Higgins	The Kerries,, Tralee, County Kerry, Ireland	
Within the Country	20 01 02	No	0.0	glass	R5	M	Weighted	Offsite in Ireland	Waste, WFP/KY/50/04/200 3	The Kerries,, Tralee, County Kerry, Ireland	
Within the Country	20 01 11	No	3.24	textiles	R3	M	Weighted	Offsite in Ireland	Textile Recycling Ltd, WPP-014/2	Road,, Tallaght, Dublin 4, Ireland	
To Other Countries	20 01 21	Yes	0.109	fluorescent tubes and other mercury-containing waste	R5	M	Weighted	Abroad	KMK Metals, W0113-01	Cappincur Industrial Estate, Tullamore, County Offaly,, Ireland	Alba Service GmbH & Co KG, E57757020, Kanalstrasse 64, Rheine, 48432, Germany
To Other Countries	20 01 27	Yes	0.0	paint, inks, adhesives and resins containing dangerous substances	R2	M	Weighted	Abroad	Envs, W0184-01	Clonminam Industrial Estate ,, Portlaoise, County Laois, Ireland	4187 HH, Louis-Krages-Strasse,, Bremen, D-28237, Germany
Within the Country	20 01 34	No	1.548	batteries and accumulators other than those mentioned in 20 01 33	R4	M	Weighted	Offsite in Ireland	Envs, W0184-01	Clonminam Industrial Estate ,, Portlaoise, County Laois, Ireland	
Within the Country	20 01 35	Yes	20.864	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components	R4	M	Weighted	Offsite in Ireland	Electrical Waste Management, WFP-DS-11-0014-04	Block 648, Jordanstown Drive, Greenogue Ind Est, Dublin, Ireland	The Recycling Village, WFP/LH/10/W010/0 1,, , Monasterboice, County Louth, Ireland
To Other Countries	20 01 35	Yes	13.681	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components	R4	M	Weighted	Abroad	Electrical Waste Management, WFP-DS-11-0014-04	Block 648, Jordanstown Drive, Greenogue Ind Est, Dublin, Ireland	101767, Alexander Dock 1, Bootle, Liverpool, L201BU X, United Kingdom
Within the Country	20 01 38	No	36.48	wood other than that mentioned in 20 01 37	R3	M	Weighted	Offsite in Ireland	Waste, WFP/KY/50/04/200 3	The Kerries,, Tralee, County Kerry, Ireland	
Within the Country	20 01 40	No	28.88	metals	R4	M	Weighted	Offsite in Ireland	United Metals, WFP-LK-2013-147A-R1 Higgins	Eastway Business Pk, Ballysimon Road, Limerick,, Ireland	
Within the Coun	20 02 01	No	6.44	biodegradable waste	R3	M	Weighted	Offsite in Ireland	Waste, WFP/KY/50/04/200 3	The Kerries,, Tralee, County Kerry, Ireland	
Within the Country	20 03 01	No	484.54	mixed municipal waste	R12	M	Weighted	Offsite in Ireland	Killarney Waste Disposal, W0217-01	Aughacureen,, Killarney ,County Kerry, Ireland	