Kerry County Council

Waste Licence Ref No. W0225-01

REPORT TITLE

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

Annual Environmental Report

Reporting Period:

January– December 2014

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

March 2015

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 Muingnaminane, 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 2014.

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 2014

Waste collected at Dingle Civic Amenity Site for disposal during the reporting year (2014) increased by 29% compared to the previous year (2013).

The weight of the waste accepted into Dingle Civic Amenity Site for disposal for the reporting period was 446.64 Tonnes. This comprises of the following breakdown:

Waste for Disposal	**Tonnes**		
	2012	***2013***	***2014***
Road Sweepings & Graveyard Waste	0.16	1.14	0.62
Flytipping	16.98	25.88	36.92
Public Domestic	226.64	319.90	409.1
Total for Disposal	**243.98**	**346.92**	**446.64**

Table 1 Waste Stream Break down for reporting Period.

It is expected that waste disposal rates at Dingle Civic Amenity Site will rise by approximately 10% for the next reporting period. However, the WEEE tonnage for 2015 should decrease due to a change in the manner in which WEEE is collected from shops. The proposed Household Waste Regulations which are due to come into effect in July 2015 will have an impact on the total waste being disposed at this facility however, we are awaiting clarification from the Department of the Environment in relation to this in order assess the impact of this on our services.

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

5.0 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

6.0 Review of Nuisance Controls

Regular inspections of the facility and its environs are carried out by the facility manager and appropriate bait is used to control mice and rats on site. During 2014 no issues arose with vermin at the facility.

The nuisance controls which are currently in place are appropriate for the operation of this facility.

7.0 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.

8.0 Resource Consumption Summary

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

8.1 Diesel

The diesel usage for Dingle Civic Amenity Site for the reporting period 2014 was 19.12 litres.

8.2 Electricity

The electricity usage for the facility during the reporting period was 5,367 kilowatt hours.

Year	Average Electricity Usage kWh/day
2014	15
2013	20
2012	20
2011	25
2010	33
2009	32

Power is required for the office computer and lighting, weighbridge, waste compactors, storage heating, cardboard baler, wastewater treatment unit, CCTV cameras and public lighting on the site.

8.3 Water

Water supply to the site is via a connection to the mains water supply. Water usage for the facility during the reporting period was 84 cubic meters. 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.

9.0 Reported Incidents and Complaints

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

10.0 Schedule of Environmental Objectives and Targets for the Forthcoming Year 2015

Target Area	2015 - Objective	2015 – 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 odour.
		No odour complaints received due to off site odour
Waste Storage Practices	Ensure good housekeeping on site to ensure that waste is stored corrected and collected in a timely fashion so not to cause nuisance to the surrounding areas and on site	No wind blown litter on site No overflowing bins on site Proper segregation of waste
Incident Prevention	Look at Fire Preventative and Emergency Response Procedure for the site	Revised procedures to be put in place mindful of EPA guidance document
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	Look at the proposed household waste regulations and implement the same on site in a timely manner	Draft Household Regs. implemented on site.

11.0 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		

12.0 Ambient Monitoring Summary

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.

13.0 Energy Efficiency Audit Report Summary

An energy efficiency audit was carried out for Dingle Civic Amenity Site by Kerry County Councils Energy Office and the report is attached in Appendix III.

The main recommendations for energy savings are:

1) Change electricity meter to avail of night rate tariffs for storage heating purposes
2) Continue monitoring of Energy Performance Indicator (EPI) trend and daily consumption trend
3) All unneeded office equipment to be fully shut down at night where possible
4) Reduce site light run schedule by 1/2 hour per day where possible.

14.0 Development/Infrastructural Works Summary

No development works were carried out in 2014.

15.0 Proposed Development/Infrastructural Works for coming Year

The proposed Household Waste regulations will have an impact on the operation and site layout of the Dingle Civic Amenity Site, once the regulations are published, 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.

16.0 Report on Financial Provision

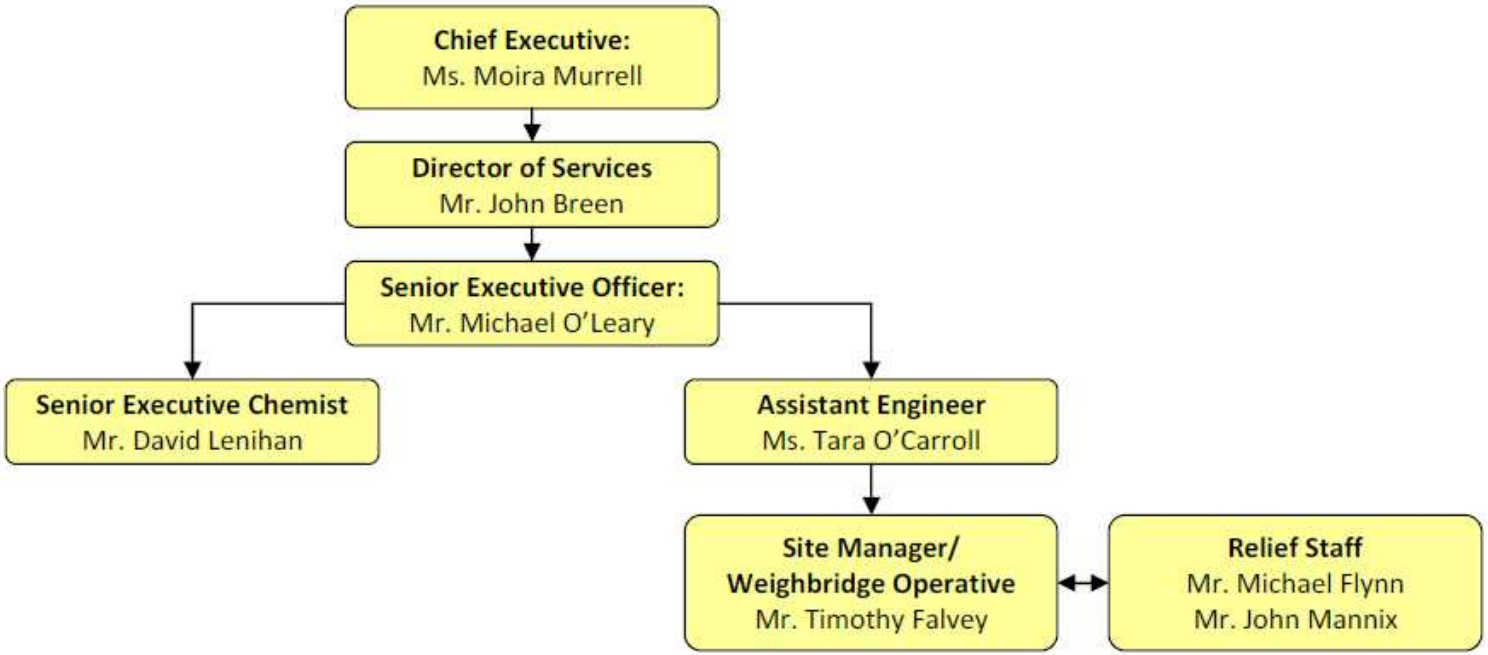
a) Statement of Costs for Waste Operations at Facility

Accelem	Accelem(T)	Total Charge Euro
60030	Wages	28,221.77
60040	Salaries	5,052.15
60100	ER PRSI	4,215.87
60200	Overtime	3,980.07
60500	Annual Leave	3,080.53
60510	Bank Holiday Leave	533.54
60600	Travel/Subsistence	2,895.55
65500	Minor Contracts- Trade Services & other works	24,558.70
66500	Non-Capital Equip Purchase - Fire Services	6.10
68500	Non-Capital Equip Purchase - Other	34.15
69000	Hire (Ext) - Plant/Transport/Machinery & Equipment	189.00
69200	Repairs & Maint - Plant	486.82
69260	Repairs & Maint - Other Equip	345.07
69400	Transfers from Machinery Yard	1,793.00
70000	Materials	261.59
70990	Issues from Stores	345.99
71000	Insurance	348.87
73400	Staff Travelling & Subsistence Expenses	323.75
76000	Communication Expenses	164.96
76100	Postage	48.40
77100	Courier	1.99
80000	Advertising	122.00
81000	Printing & Office Consumables	3.29
82100	Statutory Contributions to Other Bodies	2,757.00
86000	Energy	1,134.83
99050	Refunds	99.11
	Total	**81,004.10**

b) Statement of Costs for Recycling Operations at Facility

Accelem	Accelem(T)	Total Charge Euro
60030	Wages	8,594.55
60040	Salaries	5,051.12
60100	ER PRSI	1,717.47
60200	Overtime	1,253.11
60500	Annual Leave	1,479.59
60510	Bank Holiday Leave	222.30
60600	Travel/Subsistence	884.30
65500	Minor Contracts- Trade Services & other works	20,319.43
66500	Non-Capital Equip Purchase - Fire Services	84.41
69260	Repairs & Maint - Other Equip	162.68
70000	Materials	698.48
70990	Issues from Stores	1,675.17
70991	Returns to Stores	-141.82
73400	Staff Travelling & Subsistence Expenses	339.53
76000	Communication Expenses	144.16
77100	Courier	5.10
80000	Advertising	-88.00
81000	Printing & Office Consumables	13.00
82100	Statutory Contributions to Other Bodies	2,757.60
99050	Refunds	12.00
	Total Cost	**45,184.18**

17.0 Management and Staffing Structure at Facility 2014



18.0 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 01/01/14 to 31/12/2014

							Non Levied Waste											
	Public Car Household	* Non weighed waste inclusive of tickets	A/C Holders (VAT Inclusive)	A/C Holders (VAT Exempt)	KCC Internal Depts	Total Levied Waste	Road Sweeping	Graveyard Waste	KCC Clean Ups / F'tipping	Clean Ups / F'tipping No Charge	Total Non - levied	Total of Waste Over Weighbridge Excluding Ticket Waste	Total Waste Out	No. Loads out of TS	Waste In @ NKL	No. Loads into NKL	Variance	Average Variance per Load
January 2014	8.02	29.54	0.00	0.00	0.00	37.56	0.00	0.00	0.28	3.14	3.42	11.44	41.06	4	40.98	4	-0.08	-0.02
January 2013	7.74	21.42	0.00	0.00	0.00	29.16	0.82	0.00	0.1	0.76	1.68	9.42	30.74	3	30.84	3	0.10	0.03
February 2014	6.88	14.42	0	0	0	21.30	0.00	0.00	0	1.28	1.28	8.16	22.54	2	22.58	2	0.04	0.02
February 2013	7.08	13.94	0	0	0	21.02	0.00	0.00	0.04	0.06	0.10	7.18	21.28	2	21.12	2	-0.16	-0.08
March 2014	8.34	11.96	0	0	0	20.30	0	0	0	1.94	1.94	10.28	22.32	2	22.24	2	-0.08	-0.04
March 2013	6.44	18.08	0	0	0	24.52	0	0.00	0.76	2.44	3.20	9.64	27.60	3	27.72	3	0.12	0.04
April 2014	10.68	27.26	0	0	0	37.94	0	0.04	0	4.14	4.18	14.86	41.98	4	42.12	4	0.14	0.04
April 2013	5.26	14.46	0	0	0	19.72	0	0.16	0	1.1	1.26	6.52	20.96	2	20.98	2	0.02	0.01
May 2014	11.6	22.2	0	0	0.23	34.03	0	0.44	0	6.37	6.81	18.64	41.02	4	40.84	4	-0.18	-0.04
May 2013	5.64	20.16	0	0	0	25.80	0	0	2.28	0.88	3.16	8.80	29.24	3	28.96	3	-0.28	-0.09
June 2014	10.2	27.10	0	0	0.12	37.42	0	0	0.06	3.62	3.68	14.00	41.02	4	41.1	4	0.08	0.02
June 2013	8.86	6.98	0	0	0	15.84	0	0	1.66	2.12	3.78	12.64	19.54	2	19.62	2	0.08	0.04
1st - 11th July 2014	3.18	17.75	0	0	0.06	20.99	0	0	0	0.83	0.83	4.07	21.74	2	21.82	2	0.08	0.04
12th - 31st July 2014	11.5	17.48	0	0	0	28.98	0	0	0	3.76	3.76	15.26	32.74	3	0.00	0.00	0.00	0.00
July 2014	14.68	35.23	0	0	0.06	49.97	0	0	0	4.59	4.59	19.33	54.48	5	21.82	2	0.08	0.04
July 2013	8.54	27.84	0	0	0	36.38	0	0.16	1.74	3.06	4.96	13.50	41.28	4	41.34	4	0.06	0.02
August 2014	15.28	23.16	0	0	0	38.44	0	0	1.22	3.46	4.68	19.96	43.12	4				
August 2013	15.66	34.14	0	0	0	49.80	0	0	0	3.8	3.80	19.46	53.52	5	53.6	5	0.08	0.02
September 2014	6.52	31.80	0	0	0	38.32	0	0	0.08	3.1	3.18	9.70	41.5	4				
September 2013	6.4	11.68	0.02	0	0.06	18.16	0	0	0	1.54	1.54	8.02	19.82	2	19.7	2	-0.12	-0.06
October 2014	8.1	23.84	0	0	0.14	32.08	0	0	0.12	1.52	1.64	9.88	33.72	3				
October 2013	9.64	21.82	0	0	0	31.46	0	0	0.00	0.60	0.60	10.24	32.08	3	32.06	3	-0.02	-0.01
November 2014	7.88	23.7	0	0	0	31.58	0	0.14	0.22	0.86	1.22	9.10	32.8	3				
November 2013	9.2	11.58	0	0	0	20.78	0	0	0.46	0.98	1.44	10.64	22.08	2	22.22	2	0.14	0.07
December 2014	7.74	22.35	0	0	0.07	30.16	0	0	0	0.92	0.92	8.73	31.08	3				
December 2013	7.36	19.9	0	0	0	27.26	0	0	0	1.5	1.50	8.86	28.66	3	28.76	3	0.10	0.03
Total Tonnage 2014	115.92	292.56	0.00	0.00	0.62	409.10	0.00	0.62	1.98	34.94	37.54	154.08	446.64	42	231.68	22	0.00	0.00
Total Tonnage 2013	97.82	222.00	0.02	0.00	0.06	319.90	0.82	0.32	7.04	18.84	27.02	124.92	346.80	34	346.92	34	0.12	
Grand Total									37.54			Overall Total Average Variance Per Load 1st Jan - 11th July 2014					0.00	

Household Waste Deposited at An Daingean Civic Amentity Sites in 2014

Material type	Suggested EWC codes	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
Mixed residual waste (Waste into NKL from CAS)	20 03 01	40.98	22.58	22.24	42.12	40.84	41.10	54.56	43.12	41.50	33.72	32.80	31.08	**446.64**
Organic waste (food and garden)														**0.00**
food (compost waste Milltown TS)	*20 01 08*													**0.00**
garden (Green Waste)	*20 02 01*	4.68				4.70			4.62					**14.00**
Mixed dry recyclables (Ecosence Bags)	20 03 01	3.84	3.84	2.62	5.12	3.78	2.82	8.22	5.36	4.14	4.02	4.56	5.30	**53.62**
Cardboard, newspaper and other paper														**0.00**
cardboard packaging	*15 01 01*		6.04			2.42		4.08				10.12		**22.66**
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*	3.82	0.00	3.00	3.08	3.16	3.04	4.98	2.34	3.56	0.00	4.08	3.18	**34.24**
Glass														**0.00**
glass packaging (bottles)	*15 01 07*	2.5960	3.5970	0.0000	3.7250	0.0000	7.0930	4.2120	4.3280	3.4890	1.5510	2.8740	1.4760	**34.9410**
glass non-packaging (flat glass)	*20 01 02*								8.8800					**8.8800**
Metals														**0.0000**
aluminium cans (packaging)	*15 01 04*	0.0530	0.0490	0.0000	0.0740	0.0000	0.1460	0.0780	0.0570	0.0430	0.0000	0.0800	0.0090	**0.5890**
steel cans (packaging)	*15 01 04*	0.0780	0.1120	0.0000	0.2380	0.0000	0.3570	0.1820	0.2580	0.1080	0.0000	0.2910	0.0740	**1.6980**
other metals (scrap metals)	*20 01 40*	0.00	4.60	0.00	4.62	0.00	4.94	0.00	3.80	0.00	4.56	0.00	4.06	**26.58**
Plastic														**0.00**
plastic packaging (bottles)	*15 01 02*	0.64	0.00	0.80	0.60	0.78	0.58	1.28	0.74	1.52	0.00	0.58	0.38	**7.90**
plastic non-packaging	*20 01 39*													**0.00**
polystyrene														**0.00**
Composite packaging (e.g. tetrapaks)	*15 01 05*													**0.00**
Textiles														**0.00**
textiles, packaging	15 01 09													**0.00**
textiles, non-packaging (clothes)	20 01 11	2.34	0.00	0.00	0.00	0.00	0.76	0.15						**3.25**
Wood														**0.00**
wood packaging	15 01 03													**0.00**
wood non-packaging	20 01 38													**0.00**
mixed, uncontaminated wood packaging and non-packaging (collected at An Daingean)	15 01 03; 20 01 38	4.22	0.00	6.16	5.30	4.98	0.00	4.98	4.07	6.90	9.92	3.98	7.10	**57.61**
wood, treated, hazardous	20 01 37*													**0.00**
Batteries	*Portable*													**0.00**
lead acid batteries and accumulators (Car Batteries)	16 06 01*													**0.00**
Ni-Cd batteries and accumulators	16 06 02*	0.000	0.415	0.000	0.000	0.459	0.000	0.000	0.543	0.000	0.000	0.277	0.000	**1.694**
Other (e.g. alkaline) batteries and accumulators (Small Batteries)	16 06 04													**0.00**
														0.00
Household Hazardous Waste														**0.00**
Waste mineral oils (Engine Oil)	13 02 08													**0.00**
Oil filters (vehicles)	13 08 99													**0.00**
Oil containers (mineral oil) - plastic + metal	15 01 10	0.00				0.08								**0.08**
Waste cooking or vegetable oils	20 01 25													**0.00**
Waste paint and varnish (including containers)	08 01 11	0.00				0.955				0.86				**1.815**
Aerosols	16 05 04	0.00				0.040								**0.04**
WEEE collected by compliance schemes														
CRT	20 01 36	1.307	1.762	1.424	1.448	1.432	1.962	1.287	1.507	1.610	0.000	1.677	1.609	**17.025**
SDA - Small Domestic Appliances	20 01 36	1.624	1.559	1.579	1.555	1.526	2.128	2.790	3.510	3.946	0.000	2.347	3.084	**25.648**
LDA - Large Domestic Appliances	20 01 36	0.990	1.000	0.780	1.265	0.800	1.090	1.070	1.680	0.825	0.000	1.540	1.650	**12.690**
Cold	20 01 36	0.850	0.203	0.580	1.127	0.935	1.194	0.653	0.874	0.251	0.000	0.473	0.989	**8.129**
Rubble/C&D Waste (An Daingean CAS)	17 01 07												11.50	**11.50**
Ink Cartridges	08 01 11													**0.00**
Florescent Tubes	20 01 11	0.365						0.131					0.111	**0.607**

Appendix II – Environmental Monitoring Results

Surface Water Monitoring

										Parameter	Ammonium	pH	BOD (5day	Conductivi	Chemical O	Chloride	Dissolved O	Suspended	Temperatu	Appearanc	Odour
											NH4	Physchem	O2	Physchem	O2	Cl	O2	Physchem	Physchem		Physchem
										Max.	--	9	--	--	--	--	15	--	--	--	--
										Target	--	--	--	--	--	--	--	--	--	--	--
										Min.	--	6	--	--	--	--	5	--	--	--	--
	Category	Project	Location	Location E	Location N	Sample Re	Sample Da	Sample Tir	Sample Me	Comments	mg/l	pH units	mg/l	µS/cm	mg/l	mg/l	mg/l	mg/l	Degrees C	Descriptive	Descriptive
	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

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

Appendix III - <u>Energy Efficiency</u>

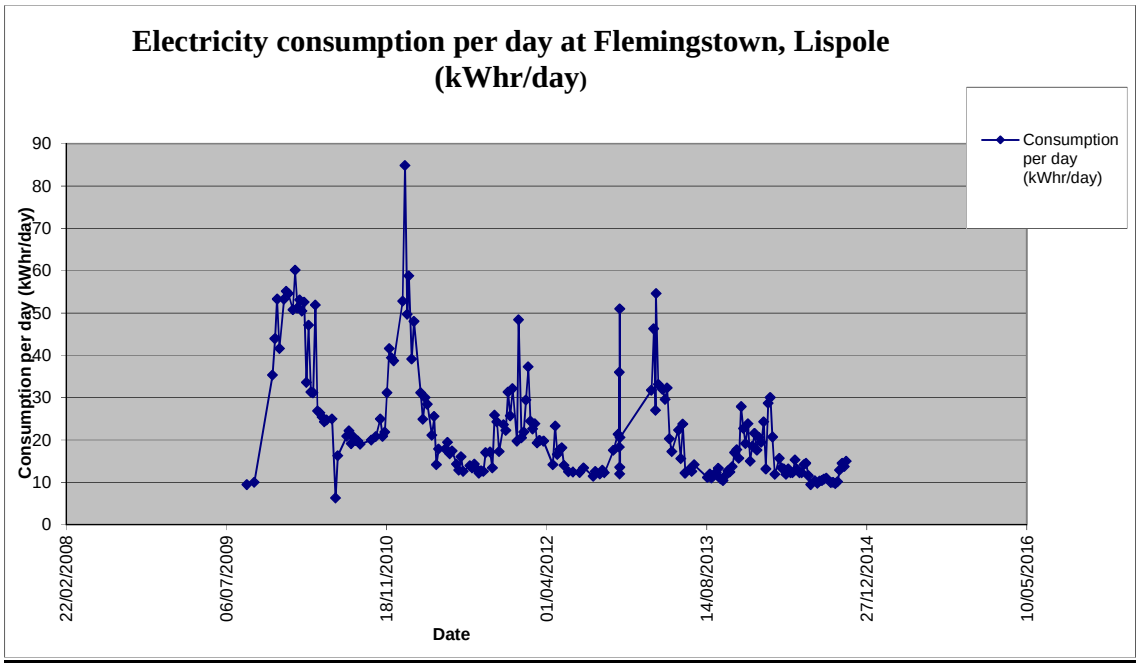


Figure 1: Electricity consumption trend.

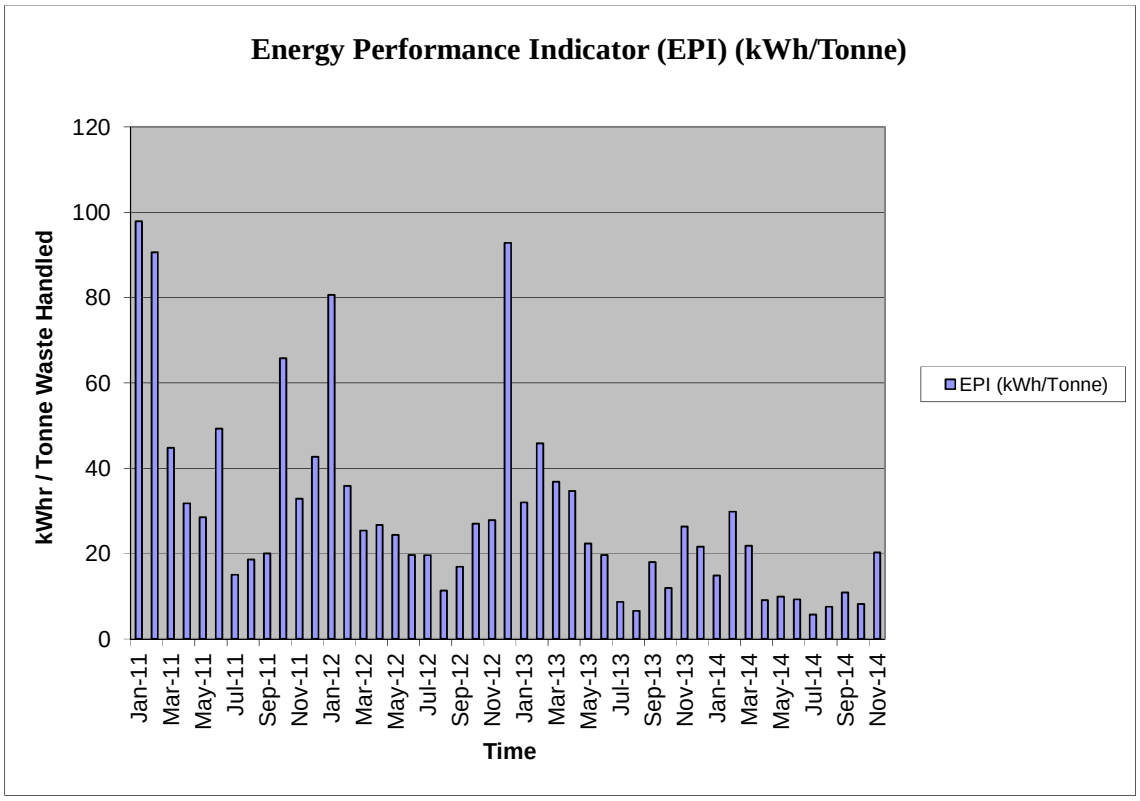


Figure 2: Energy Performance Indicator for Flemingstown Lispole

Appendix IV – Dust Monitoring Results

southern scientific services ltd.

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
		DATE SAMPLED:	September – October 2014
REPORT TO:	**TARA O CARROLL**	**DATE RECEIVED:**	07 November 2014
SAMPLED BY:	John Mannix	**DATE ANALYSED:**	03- 05 December 2014
SAMPLING PT:	**DINGLE CIVIC AMENITY SITE**	**DATE REPORTED:**	11 December 2014
ORDER NO:		**WORK NO.:**	**31609 C**

TABLE OF RESULTS

METHOD:	**LAB REF:**	**YOUR REF:**	**TOTAL PARTICULATES mg/m²/day**	**INORGANIC PARTICULATES mg/m²/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
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 V – <u>Noise Monitoring Report</u>

Malachy Walsh and Partners
Engineering and Environmental Consultants

Noise Survey 2014

Dingle Waste Transfer Station

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

Table of contents

List of appendices

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

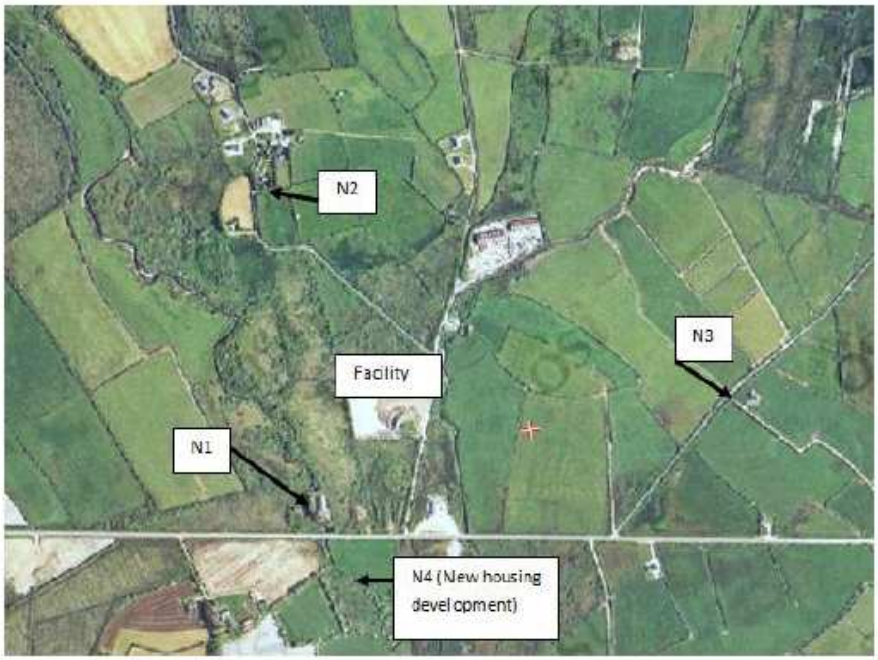
2.1 MONITORING PERIODS

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 B1	Location B2
	
Location B3	**Location B4**
	

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

PCB PIEZOTRONICS
A PCB GROUP COMPANY

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

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

PCB PIEZOTRONICS
A PCB GROUP COMPANY

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 PRM828-2952

Signed: Ron Harris
Technician: Ron Harris

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	**E13011B**
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

CIPM MRA

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)

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Glasnevin | Dublin 11 | Ireland T+ 353 1 808 2609 | F+353 1 808 2603 | NSAI.ie

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	**Approved by**	Paul Hetherington
Date of Calibration	14 Apr 2014	**Date of Issue**	22 Apr 2014

CIPM MRA

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)

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Glasnevin | Dublin 11 | Ireland T+ 353 1 808 2609 | F+353 1 808 2603 | NSAI.ie

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:	Night:
0800 hrs to 2200 hrs	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_{ArTr}

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 VI – PRTR Return for 2014

Environmental Protection Agency

Return Year : 2014 |

Guidance to completing the PRTR workbook

AER Returns Workbook

Version 1.1.18

REFERENCE YEAR	2014

1. FACILITY IDENTIFICATION

Parent Company Name	Kerry County Council
Facility Name	Dingle Civic Amenity Centre
PRTR Identification Number	W0225
Licence Number	W0225-01

Classes of Activity

No.	class_name
-	Refer to PRTR class activities below

Address 1	Flemingstown
Address 2	Lispole
Address 3	An Daingean
Address 4	
	Kerry
Country	Ireland
Coordinates of Location	-10.2181 52.1409
River Basin District	IESW
NACE Code	3821
Main Economic Activity	Treatment and disposal of non-hazardous waste
AER Returns Contact Name	Tara O'Carroll
AER Returns Contact Email Address	tara.ocarroll@kerrycoco.ie
AER Returns Contact Position	Assistant Engineer
AER Returns Contact Telephone Number	0667162000
AER Returns Contact Mobile Phone Number	0879129535
AER Returns Contact Fax Number	0667162001
Production Volume	0.0
Production Volume Units	
Number of Installations	0
Number of Operating Hours in Year	1638
Number of Employees	1
User Feedback/Comments	20 03 01 is split between NKL W0001 disposal and KWD recycling W0217. recovery Cardboard divided between Greenstar Jan - June and Dillon Waste July - Dec. Comparison to 2013 return 13 0 7 03 0
Web Address	www.kerrycoco.ie

2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
50.1	General
50.1	General

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

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

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

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

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

Please enter all quantities on this sheet in Tonnes 0

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used M/C/E	Method Used	Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
Within the Country	20 03 01	No	231.68	mixed municipal waste	D1	M	Weighed	Offsite in Ireland	North Kerry Landfill,W001-04	Muingnaminnane,,,Tralee,County Kerry,Ireland		
Within the Country	20 03 01	No	214.96	mixed municipal waste	R12	M	Weighed	Offsite in Ireland	Killarney Waste Disposal,W0217-01	Aughacureen,,,Killarney ,County Kerry,Ireland		
Within the Country	20 02 01	No	14.0	biodegradable waste	R3	M	Weighed	Offsite in Ireland	Higgins Waste,WFP/KY/50/04/2009	The Kerries,,,Tralee,County Kerry,Ireland		
Within the Country	15 01 06	No	53.62	mixed packaging	R3	M	Weighed	Offsite in Ireland	Killarney Waste Disposal,W0217-01	Aughacureen,,,Killarney ,County Kerry,Ireland		
Within the Country	15 01 01	No	8.46	paper and cardboard packaging	R3	M	Weighed	Offsite in Ireland	Greenstar,WFP-CK-10-0047-02	Sarsfield Court Industrial estate ,,,Glanmire,County Cork,Ireland		
Within the Country	20 01 01	No	34.24	paper and cardboard	R3	M	Weighed	Offsite in Ireland	Dillon waste Ltd,WFP/KY/10/0001/01	The Kerries,,,Tralee,County Kerry,Ireland		
Within the Country	15 01 07	No	34.941	glass packaging	R5	M	Weighed	Offsite in Ireland	Dillon waste Ltd,WFP/KY/10/0001/01	The Kerries,,,Tralee,County Kerry,Ireland		
Within the Country	20 01 02	No	8.88	glass	R5	M	Weighed	Offsite in Ireland	Higgins Waste,WFP/KY/50/04/2009	The Kerries,,,Tralee,County Kerry,Ireland		
Within the Country	15 01 04	No	2.287	metallic packaging	R4	M	Weighed	Offsite in Ireland	Dillon waste Ltd,WFP/KY/10/0001/01	The Kerries,,,Tralee,County Kerry,Ireland		
Within the Country	20 01 40	No	26.58	metals	R4	M	Weighed	Offsite in Ireland	United Metals,WFP-LK-2013-147A-R1	Eastway Business Pk,Ballysimon Rod,Limerick,,,Ireland		
Within the Country	15 01 02	No	7.9	plastic packaging	R3	M	Weighed	Offsite in Ireland	Dillon waste Ltd,WFP/KY/10/0001/01	The Kerries,,,Tralee,County Kerry,Ireland		
Within the Country	20 01 11	No	3.25	textiles	R3	M	Weighed	Offsite in Ireland	Textile Recycling Ltd,WPR-014/2	Belgard Road,,,Tallaght,Dublin 4,Ireland		
Within the Country	20 01 38	No	57.61	wood other than that mentioned in 20 01 37	R3	M	Weighed	Offsite in Ireland	Higgins Waste,WFP/KY/50/04/2009	The Kerries,,,Tralee,County Kerry,Ireland		
Within the Country	17 01 07	No	11.5	mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06	R5	M	Weighed	Offsite in Ireland	Higgins Waste,WFP/KY/50/04/2009	The Kerries,,,Tralee,County Kerry,Ireland		
Within the Country	20 01 34	No	1.694	batteries and accumulators other than those mentioned in 20 01 33	R4	M	Weighed	Offsite in Ireland	Enva,W0184-01	Clonminam Industrial Estate ,,,Portlaoise,County Laois,Ireland		
Within the Country	15 01 10	Yes	0.08	packaging containing residues of or contaminated by dangerous substances	R3	M	Weighed	Offsite in Ireland	Enva,W0184-01	Clonminam Industrial Estate ,,,Portlaoise,County Laois,Ireland	ENVA,W0184-01,ENVA Ireland,Clonminam Industrial Estate,Portlaoise,Co Laois,Ireland	ENVA Ireland,Clonminam Industrial Estate,Portlaoise,Co Laois,Ireland
To Other Countries	20 01 27	Yes	1.815	paint, inks, adhesives and resins containing dangerous substances	R2	M	Weighed	Abroad	Enva,W0184-01	Clonminam Industrial Estate ,,,Portlaoise,County Laois,Ireland	Nehlsen GmbH & Co. kg,A-4187 HH,Louis-Krages-Strasse,,,Bremen,D-28237,Germany	Louis-Krages-Strasse,,,Bremen,D-28237,Germany
To Other Countries	16 05 04	Yes	0.04	gases in pressure containers (including halons) containing dangerous substances	R2	M	Weighed	Abroad	Enva,W0184-01	Clonminam Industrial Estate ,,,Portlaoise,County Laois,Ireland	KS Recycling,12 150 80 80,Raiffeisenstr 38,Sonsbeck,,,,Germany	Raiffeisenstr 38,Sonsbeck,,,,Germany
To Other Countries	20 01 21	Yes	0.607	fluorescent tubes and other mercury-containing waste	R5	M	Weighed	Abroad	KMK Metals,W0113-01	Cappincur Industrial Estate,Tullamore,County Offaly,,,Ireland	Alba Service Gmbh & Co KG,E5775702O,Kanalstrasse ,64,Rheine,48432,Germany	Kanalstrasse,64,Rheine,48432,Germany
Within the Country	20 01 35	Yes	17.025	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and and 20 01 23 containing hazardous components	R4	M	Weighed	Offsite in Ireland	Electrical Waste Management,WFP-DS-11-0014-04	Block 648,Jordanstown Drive,Greenogue Ind Est,Dublin,Ireland	The Recycling Village,WFP/LH/10/W010/01 ,,,Monasterboise,County Louth,Ireland	,,,Monasterboise,County Louth,Ireland
To Other Countries	20 01 35	Yes	25.648	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and and 20 01 23 containing hazardous components	R4	M	Weighed	Abroad	Electrical Waste Management,WFP-DS-11-0014-04	Block 648,Jordanstown Drive,Greenogue Ind Est,Dublin,Ireland	European Metal Recycling,WML 101767,Alexander Dock 1,Bootle,Liverpool,L201BUX, United Kingdom	Alexander Dock 1,Bootle,Liverpool,L201BUX, United Kingdom