

# Kerry County Council



## Waste Licence Ref No. W0072-01

**Killarney Civic Amenity Site;  
Coolcaslagh;  
Killarney;  
County Kerry.**

## **Annual Environmental Report.**

**Reporting Period:  
1<sup>st</sup> January 2017 – 31<sup>st</sup> December 2017.**

***Prepared by:***  
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*March 2018.*

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## **1.0 Introduction**

Kerry County Council operates a civic amenity site(CAS) at Coolcaslagh, Killarney, Co. Kerry which is approximately 5 km east of the town of Killarney. The facility is located in the townland of Coolcaslagh on the county road L-2507 and approximately 3 km from Lissyviggeen Cross on the N22.

The principal activity of this CAS is the collection of household waste and as a recycling facility. The household waste is transferred to KWD Recycling for treatment/disposal as North Kerry Landfill ceased taking waste since 2014.

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

This Annual Environment Report is prepared in accordance with Condition 2.8 and Schedule B of Waste Licence W0072-01 issued by the Environmental Protection Agency (EPA).

## **2.0 Reporting Period**

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

## **3.0 Waste Activities carried out at the Facility**

Waste disposal activities carried out at Coolcaslagh Transfer Station are in accordance with Part 1 of Waste Licence W0072-01 which outlines the waste disposal activities licensed in accordance with the Third Schedule of the Waste Management Act 1996. Licensed activities include:

**Class 12** Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.

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

Waste recovery activities carried out at Coolcaslagh Transfer Station are in accordance with Part 1 of Waste Licence W0072-01 which outlines the waste recovery activities licensed in

accordance with the Fourth Schedule of the Waste Management Act 1996. Licensed activities include:

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

**4.0 Quantity and Composition of Waste Received, Disposed and Recovered:**  
**1<sup>st</sup> Jan – 31<sup>st</sup> Dec 2017**

The quantity of waste disposed of at Coolcaslagh Transfer Station during 2017 *‘decreased’* by 258.52 tonnes on the previous year (2016) and *‘decreased’* by 176.32 tonnes on 2015.

Overall, waste accepted in Coolcaslagh CAS *‘decreased’* by approximately 17% (over the 2016 figures).Killarney Town Council (refuse collection service) no longer uses Coolcaslagh Waste Transfer Station to dispose of its waste and 2015 , 2016 and 2017 waste tonnage figures reflect this.

Waste accepted into Coolcaslagh Transfer Station Facility for disposal for the reporting period was **1,269 Tonnes** and may be further broken down as follows:

<i>Source</i>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
Killarney Town Council refuse collection	957.18	198.08	0	0	0
Household waste	1,185.84	1,240.367	1,332.88	1416.56	1185.48
Small commercial business waste	34.68	32	50.16	42.78	43.66
KLA Commercial Waste	10.84	9.02	0	0	5.32
KLA Road Sweepings	136.20	36.30	0.5	16.32	0
Graveyard Waste	15.54	12.94	14.86	15.84	6.36
KLA Fly tipping / Street Cleaning	80.22	73.69	46.98	36.08	28.24
<b>Total Tonnage</b>	<b>2,420.60</b>	<b>1,604.16</b>	<b>1,445.38</b>	<b>1,527.58</b>	<b>1,269.06</b>

**Table 1 – Waste by Source.**

Appendix I contains the breakdown of waste by source for the reporting period.

### Recycling & Recovery

The quantities of waste sent for Recycling also '*decreased*' on the previous year (2016) - as approximately 493 tonnes of material was collected at Coolcaslagh during 2017 in comparison with 670 tonnes in 2016 and 610.33 tonnes in 2015.

<b>Waste for Recycling &amp; Recovery (Tonnes)</b>					
<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
489.18 t	564.09 t	626.468 t	610.33 t	670 t	493.166 t

Recycling & Household Waste Deposited at Coolcaslagh Transfer Station in 2017				
MATERIAL TYPE	Suggested EWC codes	Contractors		Coolcaslagh CA
Mixed Residual Total Waste collected per site	20 03 01	Killarney Waste Disposal Ltd 05837-04	NWCPO-10-	1,269.06
<b>Organic waste (food and garden)</b>				
Garden (Dingle CAS & NKL)	20 02 01	Higgins Waste Ltd	NWCPOP-12-05687-04	0.00
Mixed dry recyclables (Ecosence Bags)	15 01 06	Killarney Waste Disposal Ltd 05837-04	NWCPO-10-	86.74
<b>Cardboard, newspaper and other paper</b>				
Cardboard packaging	15 01 01	Dillons Waste Ltd	WCP-LK-10-666-01	69.14
Newspaper and magazines	15 01 01	Dillons Waste Ltd	WCP-LK-10-666-01	37.26
<b>Glass</b>				
Glass packaging (bottles)	15 01 07	Dillons Waste Ltd	WCP-LK-10-666-01	70.378
Glass non-packaging (flat glass) - Dingle CAS	15 01 07	Higgins Waste Ltd	NWCPOP-12-05687-04	0.00
Commercial Glass (Kenmare TS only)	15 01 07	Tim Harrington T/A Kenmare Waste Disposal & Glass Recycling Ltd	NWCPO-11-04852-04	0.00
<b>Metals</b>				
Aluminium cans (packaging)	15 01 04	Dillons Waste Ltd	WCP-LK-10-666-01	1.654
Steel cans (packaging)	15 01 04	Dillons Waste Ltd	WCP-LK-10-666-01	6.753
Scrap Metals	20 01 40	Unired Metals Ltd	NWCPO-10-05657-02	74.14
<b>Plastic</b>				
Plastic packaging (bottles)	20 01 39	Dillons Waste Ltd	WCP-LK-10-666-01	12.20
<b>Textiles</b>				
Textiles, non-packaging (clothes)	20 01 11	Dillons Waste Ltd	WCP-LK-10-666-01	2.72
<b>Wood</b>				
Mixed, uncontaminated wood packaging and non-packaging (collected at An Daingean)	20 01 38	Higgins Waste Ltd	NWCPOP-12-05687-04	0.00
Construction & Demolition - An Daingean CAS	20 03 01	Higgins Waste Ltd	NWCPOP-12-05687-04	0.00
<b>Batteries</b>				
Lead acid batteries and accumulators (Car Batteries)	20 01 33	WEEE Ireland - collected by Trevor Ratcliffe Deliveries Ltd	NWCPO-08-01130-02	0.00
Ni-Cd batteries and accumulators	20 01 33	WEEE Ireland - collected by Trevor Ratcliffe Deliveries Ltd	NWCPO-08-01130-02	1.394
<b>Household Hazardous Waste</b>				
Waste mineral oils litres	13 02 08	ENVA Ireland	NWCPO-08-01116-02	3.65
Oil filters (vehicles) litres		ENVA Ireland	NWCPO-08-01116-02	0.00
Oil containers (mineral oil) - plastic + metal Litres		ENVA Ireland	NWCPO-08-01116-02	0.00
Waste paint and varnish (including containers) litres	20 01 27	ENVA Ireland	NWCPO-08-01116-02	0.00
Aerosols litres	14 06 01	ENVA Ireland	NWCPO-08-01116-02	0.378
Waste cooking or vegetable oils	20 01 25	DANCO Ltd	WKPLK/12/666/01	0.00
Fluorescent Tubes	20 01 21*	WEEE Ireland - collected by Trevor Ratcliffe Deliveries Ltd	NWCPO-08-01130-02	0.367
<b>WEEE collected by compliance schemes</b>				
CRT	20 01 36	WEEE Ireland - collected by Trevor Ratcliffe Deliveries Ltd	NWCPO-08-01130-02	28.035
SDA - Small Domestic Appliances	20 01 36	WEEE Ireland - collected by Trevor Ratcliffe Deliveries Ltd	NWCPO-08-01130-02	44.301
LDA - Large Domestic Appliances	20 01 36	WEEE Ireland - collected by Trevor Ratcliffe Deliveries Ltd	NWCPO-08-01130-02	37.811
Cold	20 01 36	WEEE Ireland - collected by Trevor Ratcliffe Deliveries Ltd	NWCPO-08-01130-02	16.245
<b>Grand Totals - Excluding Mixed Residual Waste Out</b>				<b>493.166</b>

**Table 2. Overview of waste collected on site and recovered / recycled off site during 2017.**

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

There is a new waste company operating in the greater Killarney area, as such additional competition has impacted on the quantity of both waste and recycling material brought to Coolcaslagh CAS.

Based on the above issue, it is anticipated that the quantity of household waste disposed of at Coolcaslagh may decrease slightly and that the amount of other wastes (recycling wastes of various streams) should also decrease slightly in 2018.

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

## **6.0 Summary Report on Emissions for the Reporting Period**

### **a) Foul Water Emissions**

All the foul water from the facility has been transported off site to Killarney Wastewater Treatment Plant since February 2001. It is treated at Killarney Wastewater Treatment Plant. Records of the dates of removal, volumes removed etc are available.

Foul water from the facility, including the transfer station shed, compactor and the bin transverse area is collected in a holding tank on site and the effluent is tankered to Killarney Wastewater Treatment Plant.

During 2017, 744.36 Tonnes of foul effluent and silt / sludge were exported off site from the facility for treatment in Killarney Wastewater Treatment Plant. The foul water effluent is monitored quarterly and the results are sent to the Agency and available at the Coolcaslagh facility and Kerry County Council’s offices.

### **b) Surface Water Emissions**

Surface water runoff takes place from all internal hard surfaces and discharges via silt traps to the waste water treatment tank on site which is then removed to the Killarney Wastewater Treatment Plant. An oil interceptor is fitted on the surface water discharge pipe from the bin marshalling yard.

## 7.0 Summary of Results and Interpretations of Environmental Monitoring

### a) Dust monitoring.

The dust monitoring results for the three sampling points were outside the ELV set down in the licence. However, monitoring point ST1 is located at the main entrance to the site which is also adjacent to the entrance of the nearby quarry and therefore is impacted by traffic movements associated with both sites.

The collector gauge contained water and a large amount of green algae residue. The ashed dish contained a large amount of brown algae residue. The ashed residue underwent no effervescence on addition of acid indicating the absence of carbonate in the residue. It is understandable that the dust monitoring results would be affected by the proximity of the gauge to the entrance of a busy quarry.

Dust Monitoring point ST3 is located adjacent to the boundary of an active quarry as such is bound to have an impact on monitoring results. *(See Note below requesting it is removed from the monitoring Schedule.)*

There were no complaints received in relation to dust at the facility. The results over the years have shown no significant nuisance from dust at the facility.

Appendix III contains the dust monitoring results for the reporting period.

#### **Note:**

Kerry County Council have sought a technical amendment to the EPA in relation to dust monitoring requirement of Waste Licence W0072 as past monitoring indicates that the site is not causing excessive dust to the surrounding environs.

A 'License Return' was uploaded through the EDEN system on the 17<sup>th</sup> November 2017 in relation to a proposed amendment of dust monitoring locations and frequency of dust monitoring as set down in the sites Waste License.

The Agency approved the following changes:

1. The removal of Dust Monitoring point ST3 from the monitoring Schedule.
2. The monitoring of ST1 and ST2 on an **annual** basis. (Two locations and monitoring reduced from a frequency of three (3) to once (1) per annum)



**b) Noise monitoring.**

A noise survey was undertaken on the 28<sup>th</sup> November 2017, 30<sup>th</sup> November 2017 & 11<sup>th</sup> December 2017 by Southern Scientific Surveys Ltd. (Environmental Consultants). The report forwarded to Kerry County Council is dated 16<sup>th</sup> February 2018. ***(Please see Appendix IV of this report).***

The site Waste Licence specifies a day-time limit of 55dB (A)  $L_{Aeq}$  (30 min) at the monitoring locations. It is clear from the results section of the report that this noise limit was breached. However, it is also clear that the majority of noise leading to the breach of this limit is from operations carried out at the neighbouring quarry & industrial estate, and also from public road traffic.

It may be worth noting that there is no permanent dwelling house, hotel or hostel, health building, educational establishment, place of worship or entertainment, or any other high amenity facility located within 1km of the Waste Transfer Station.

The report notes that the “activities at the waste transfer station are not adversely impacting on the noise environment at the nearest noise sensitive location (N6) where monitoring took place. Noise at the noise monitoring locations is impacted by extraneous noise sources from surrounding land uses and traffic on the road network that the waste licence holder has no control over. The waste transfer station does not generate noise at night-time when the facility is closed.

No tones were observed or detected by the sound level meter at any location.

There were no issues with noise during 2017 and no complaints were received in relation to noise at the facility during 2017,2016 or 2015. The results over the years have shown that the facility caused no significant noise nuisance to neighbours.

The waste transfer station does not generate noise at night-time when the facility is closed.

It is Kerry County Council’s intension to seek a technical amendment in relation to the noise monitoring requirement of Waste Licence W0072 as past monitoring indicates that the site is not causing excessive noise to the surrounding environs.

**c) Monitoring of surface water.**

Verified lab results are provided in **Appendix II of this report.**

**d) Biological Monitoring.**

Verified lab results are provided in **Appendix II of this report.**

Kerry County Council carried out a biological assessment of the Woodford River on 18<sup>th</sup> May, 2011. The results of the biological monitoring indicate high quality water status (Q4/5) both upstream and downstream of the waste transfer station with no evidence of any impact on the biological water quality of the Woodford River from the activities at Coolcaslagh Waste Transfer Station.

There were no complaints in relation to the water quality of the Woodford River as a result of activities at the facility during 2017.

**e) Foul Water**

All the foul water from the facility has been transported off site to Killarney Wastewater Treatment Plant since February 2001. It is treated at Killarney Wastewater Treatment Plant. Records of the dates of removal, volumes removed etc are available.

During 2017, 744.36 Tonnes of foul effluent and silt / sludge were exported off site from the facility for treatment in Killarney Wastewater Treatment Plant which is a substantial increase on the year 2016 where 452.80 tonnes of waste water was removed from Coolcaslagh. The increase in waste water being extracted off site was due mainly to the extreme weather conditions which were recorded during the Winter of 2017. There were no incidents and / or spillages recorded during the transportation of the foul water.

The foul water was previously removed by Mr. Maurice Somers – WCP reference – WCP LK 09 207 03 however he has since died and the WCP has lapsed. Irish Drain Services performed this service in 2017 – WCP reference – NWCPO 15 11588 01.

## 8.0 Resource and Energy Consumption Summary

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

### 8.1 Diesel

The diesel usage for Coolcaslagh Transfer Station for 2017 reporting period was 711 litres which is substantially reduced from the 2016 figures. The site manager has stated that as the JCB isn't used as much due to the skips being removed from site the quantity of diesel purchased has decreased . The 5 Recycling Bins have been replaced with one centralised eco-sense compactor (run off electricity) has led to the reduced need for the JCB/diesel .

### 8.2 Electricity

Year	Average Electricity Usage kWh / day
2017	25.09
2016	25.56
2015	24.3
2014	23.6
2013	24.8
2012	40.6
2011	38.9

The primary energy consumer on site is a 3 phase waste compactor. Power is also required for the office computer and lighting, storage heating, cardboard baler, weighbridge barriers & CCTV and public lighting on the site. No major change in electricity consumption from 2016 to 2017.

### 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 approximated as 27.5 m<sup>3</sup>.

Water is mainly used on site for site office facilities, power washing yards, transfer station apron and hopper. No surface water or ground water is abstracted.

#### **9.0 Report on Development Works Undertaken during the Reporting Period**

The existing car park facility was not fit for purpose for the number of customers and visitors to the facility as it catered for no more than 3 cars. A new car park was constructed over Easter 2017 which utilised council land within the curtilage of the site and has created a total of 9 car parking spaces.

A new barrier system was also installed to control traffic movements into the recycling area while allowing pedestrians recycle in a safe zone. It is clear that the car park has helped with the smooth transition of our customers who can now park in a safe, secure area in a very busy recycling facility.

A general clean-up of the site also took place in 2017 which included the removal of the skips that contained paper and plastic. All the above helped with the 'Health & Safety' of the site.

#### **10.0 Proposed Development Works for The Forthcoming Year**

Kerry County Council intend to purchase a customised (*shipping type*) storage container for the storage and safe-keeping of WEEE on site during 2018.

**11.0 Report Targets and Environmental Objectives and Targets for 2018.**

Target Area	2018 - Objective	2018 – Expected Outcome to Indicate achievement of target
Odour Management	Continue to ensure that the waste facility does not cause a nuisance in terms of odour through good housekeeping practices on site.	No odour complaints received due to onsite/offsite odour.
Waste Storage Practices	<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 remains an objective to construct / purchase secure sheds on site for the storage of WEEE and baled 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.

### **12.0 Summary of Procedures Developed by the Licensee**

- Revised Emergency Response Procedures and Accident Prevention Procedures were uploaded to EDEN during 2017.
- Hydrogeological Review/Technical Assessment Report Coolcaslagh, Killarney Waste Transfer Station for the Environmental Protection Agency was completed in February 2017 and uploaded to EDEN.

### **13.0 Reported Incidents and Complaints**

No major environmental incidents were reported during 2017 however some minor breaches in relation to dust monitoring were up loaded to EDEN.

## 14.0 Report on Financial Provision

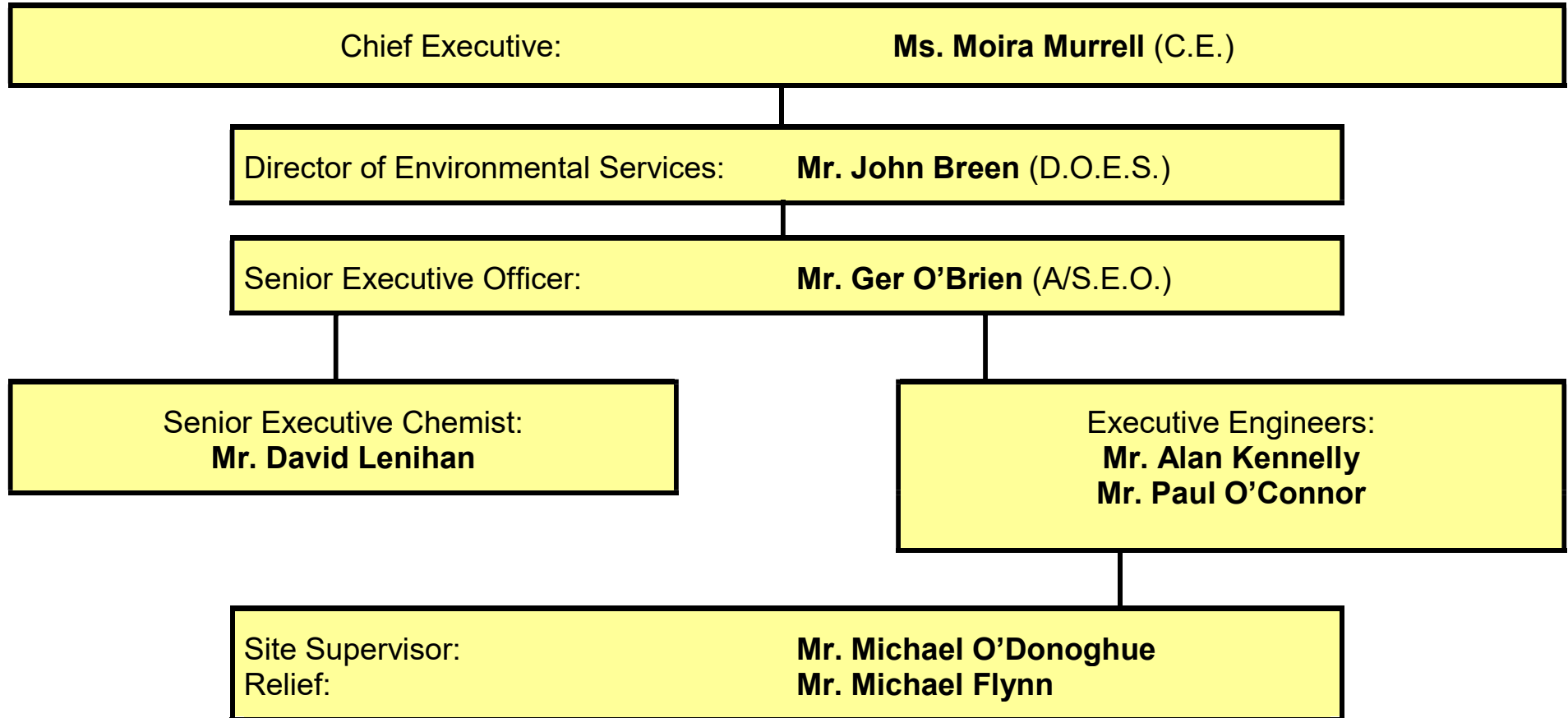
<b>Statement of Costs for Waste Operations - Killarney 2017</b>		
<b>Accelem</b>	<b>Account Element</b>	<b>Total €</b>
60030	Wages	€ 24,665
60040	Salaries	€ 11,037
60100	ER PRSI	€ 4,940
60200	Overtime	€ 12,942
60500	Annual Leave	€ 1,604
60510	Bank Holiday Leave	€ 525
60600	Travel/Subsistence	€ 2,750
60700	Eating on site allowance	€ 2
61990	Other Allowances	€ 1,077
65500	Minor Contracts- Trade Services & other works	€ 195,702
65965	Transfer to/from Cap/Rev (Exp)	€ -
66500	Non-Capital Equip Purchase - Fire Services	€ 110
67500	Non-Capital Equip Purchase - Computers	€ 10
68000	Non-Capital Equip Purchase - Office Equip/Furn	€ 326
68500	Non-Capital Equip Purchase - Other	€ 341
69000	Hire (Ext) - Plant/Transport/Machinery & Equipment	€ 123
69200	Repairs & Maint - Plant	€ 50
69260	Repairs & Maint - Other Equip	€ 5
69400	Transfers from Machinery Yard	€ 4,781
69600	Other Vehicle Expenses	€ -
70000	Materials	€ 959
70990	Issues from Stores	€ 11
71000	Insurance	€ 381
73400	Staff Travelling & Subsistence Expenses	€ 3,579
76000	Communication Expenses	€ 544
77100	Courier	€ -
77200	Security - Property	€ -
78000	Training	€ 13
79900	Consultancy/Professional Fees and Expenses	€ 528
80000	Advertising	€ 110
81000	Printing & Office Consumables	€ 375
82100	Statutory Contributions to Other Bodies	€ 4,242
85100	Rates & Other LA Charges	€ 2,867
86000	Energy / Utilities	€ 2,304
<b>TOTAL</b>		<b>€ 276,901</b>

<b>Statement of Costs for Recycling Operations - Killarney 2017</b>		
<b>Accelem</b>	<b>Account Element</b>	<b>Total €</b>
60030	Wages	€ 22,636
60040	Salaries	€ 11,137
60100	ER PRSI	€ 5,162
60200	Overtime	€ 12,964
60300	Arrears	€ 14
60400	Sick Pay	€ 1,743
60500	Annual Leave	€ 3,937
60510	Bank Holiday Leave	€ 969
60600	Travel/Subsistence	€ 2,649
60700	Eating on site allowance	€ 6
61990	Other Allowances	€ 746
65500	Minor Contracts- Trade Services & other works	€ 27,119
66500	Non-Capital Equip Purchase - Fire Services	€ 4
69000	Hire (Ext) - Plant/Transport/Machinery & Equipment	€ 840
69200	Repairs & Maint - Plant	€ 192
69400	Transfers from Machinery Yard	€ -
70000	Materials	€ 3,702
70990	Issues from Stores	€ 5,973
70991	Returns to Stores	-€ 42
73400	Staff Travelling & Subsistence Expenses	€ 2,962
76000	Communication Expenses	€ 522
77100	Courier	€ -
77200	Security - Property	€ -
78000	Training	€ 13
80000	Advertising	€ -
81000	Printing & Office Consumables	€ 35
82100	Statutory Contributions to Other Bodies	€ 4,243
85100	Rates & Other LA Charges	€ -
86000	Energy / Utilities	€ 283
<b>TOTAL</b>		<b>€ 107,807</b>



**15.0**

**Killarney (Coolcaslagh) Waste Transfer Station:  
Management & Staffing Structure at the facility – as at December 2017.**



## **16.0 Programme of Public Information**

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

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

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

Coolcaslagh Transfer Station Residual Waste - Tonnage Period 01/01/17 to 31/12/17												
Levied Waste as categorised by Waste Regulations					Non Levied Waste as categorised by Waste Regulations					Totals		
Month	Public Waste		Account Holders Vat Inclusive	KCC - Levied Waste	KCC RoadswEEPing & Streetcleaning	KCC Clean Ups / F'tipping e.g Area Offices & other KCC depts	Clean Ups/ F'tipping Charged to Env - Invs Raised to Environment	Graveyard Waste	Total KCC Tonnage not subject to Levy	Total of Waste Over Weighbridge	Total Waste Out of Facility - Including Ticket Waste	No. Loads Out of TS
	Public Household & Commercial	* Non Weighed Waste Inclusive of Tickets										
January 2017	50.9	71.06	2.76	2.16	0	0	3.94	0.96	4.9	60.72	131.78	11
January 2016	44.58	89.66	3.04	0	0	0	4.5	0	4.5	52.12	141.78	11
February 2017	42.52	48.48	1.52	1.02	0	0	2.56	0.78	3.34	48.4	96.88	8
February 2016	41.3	84.12	5.82	0	0	0	2.16	1.3	3.46	50.58	134.7	11
March 2017	45	61.24	2.64	0.12	0	0.1	2.06	0.92	3.08	50.84	112.08	9
March 2016	47.92	78.08	2.78	0.04	16.32	0	3.68	1.1	21.1	71.84	149.92	11
April 2017	44.96	49.98	3.5	0	0	0	2.68	0.78	3.46	51.92	101.9	8
April 2016	52.14	58.7	5.3	0	0	0	4.56	1.36	5.92	63.36	122.06	10
May 2017	51.92	66.58	4.12	0.14	0	0	0.88	1.02	1.9	58.08	124.66	11
May 2016	55.1	72.26	2.66	0	0	0	1.86	2.34	4.2	61.96	134.22	10
June 2017	53.54	40.16	3.66	1.1	0	1.2	2.66	1.9	5.76	64.06	104.22	9
June 2016	71.58	49.28	3.2	0.82	0	0	2.5	3.18	5.68	81.28	130.56	10
July 2017	50.44	60.32	5.46	0	0	0.06	1.8	0	1.86	57.76	118.08	9
July 2016	68.76	50.78	3.1	0	0	0	2.7	1.24	3.94	75.8	126.58	11
August 2017	51.02	50.24	4.92	0.7	0	0	2.48	0	2.48	59.12	109.36	9
August 2016	73.96	68.56	4.32	0	0	0	2.76	1.3	4.06	82.34	150.9	13
September 2017	46.7	38.66	4.44	0	0	0	1.34	0	1.34	52.48	91.14	8
September 2016	53.66	61.36	3.36	0.14	0	0	1.82	1.14	2.96	60.12	121.48	10
October 2017	38.84	58.2	5.38	0.08	0	0	1.62	0	1.62	45.92	104.12	9
October 2016	47.82	44.5	1.5	0	0	0	1.58	0	1.58	50.9	95.4	8
November 2017	48.24	38.74	3.48	0	0	0	2.96	0	2.96	54.68	93.42	8
November 2016	43.7	73.94	4.88	0	0	3.42	1.76	1	6.18	54.56	128.5	10
December 2017	48.68	29.06	1.78	0	0	0	1.9	0	1.9	52.36	81.42	7
December 2016	46.12	38.68	1.8	0.22	0	0.28	2.5	1.88	4.66	52.8	91.48	7
<b>Total Tonnage 2017</b>	<b>572.76</b>	<b>612.72</b>	<b>43.66</b>	<b>5.32</b>	<b>0</b>	<b>1.36</b>	<b>26.88</b>	<b>6.36</b>	<b>34.6</b>	<b>656.34</b>	<b>1269.06</b>	<b>106</b>

## Household Waste Deposited at Coolcaslagh Civic Amentity Site in 2017

Material type	Suggested EWC codes	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Totals
<b>Mixed residual waste (Trans Waste out of facility)</b>	20 03 01	131.78	96.88	112.08	101.90	124.66	104.22	118.08	109.36	91.14	104.12	93.42	81.42	1,269.06
<b>Organic waste (food and garden)</b>														
Garden	20 02 01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Mixed dry recyclables (Ecosence Bags)</b>	15 01 06	2.44	0.00	4.06	5.18	10.24	7.24	11.78	9.28	8.98	9.60	8.52	9.42	86.74
<b>Cardboard, newspaper and other paper</b>														
Cardboard packaging	15 01 01	8.64	7.10	6.300	5.70	4.64	6.90	4.50	4.24	4.72	4.32	4.58	7.50	69.14
Newspaper and magazines	15 01 01	9.90	9.86	12.90	4.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.26
<b>Glass</b>														
Glass packaging (bottles)	15 01 07	10.8760	5.6010	6.8990	5.0970	7.8770	4.3910	7.1310	4.7350	3.7100	3.6000	4.4130	6.0510	70.381
<b>Metals</b>														
Aluminium cans (packaging)	15 01 04	0.2860	0.1550	0.1660	0.1310	0.1380	0.1040	0.1350	0.1520	0.0610	0.0710	0.1080	0.1470	1.654
Steel cans (packaging)	15 01 04	1.0070	0.7980	0.8230	0.6290	0.5390	0.3500	0.5030	0.3050	0.2950	0.4130	0.4540	0.6370	6.753
Other metals (scrap metals)	20 01 40	6.04	6.26	6.40	9.16	3.96	4.92	6.90	8.92	5.86	4.24	4.98	6.50	74.14
<b>Plastic</b>														
Plastic packaging (bottles)	20 01 39	3.50	3.52	4.54	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.20
<b>Textiles</b>														
Textiles, non-packaging (clothes)	20 01 11	0.22	0.42	0.16	0.18	0.32	0.00	0.26	0.42	0.22	0.30	0.00	0.22	2.72
<b>Batteries</b>														
Lead acid batteries and accumulators (Car Batteries)	20 01 33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ni-Cd batteries and accumulators	20 01 33	0.000	0.702	0.000	0.000	0.000	0.000	0.692	0.000	0.000	0.000	0.000	0.000	1.394
<b>Household Hazardous Waste</b>														
Waste mineral oils (Engine Oil)	13 02 08	0.000	0.890	0.000	0.000	0.616	0.000	0.880	0.000	0.712	0.000	0.000	0.552	3.650
Oil filters (vehicles)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oil containers (mineral oil) - plastic + metal		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Waste cooking or vegetable oils	20 01 25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Waste paint and varnish (including containers)	20 01 27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aerosols	14 06 01	0.218	0.000	0.160	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.378
<b>WEEE collected by compliance schemes</b>														
<b>CRT</b>	20 01 36	3.168	2.501	1.817	3.266	1.438	1.320	3.051	1.550	1.871	1.894	3.059	3.100	28.035
<b>SDA - Small Domestic Appliances</b>	20 01 36	4.761	3.492	2.134	5.352	2.783	1.889	4.171	3.190	4.476	3.411	5.578	3.064	44.301
<b>LDA - Large Domestic Appliances</b>	20 01 36	0.000	8.581	0.000	5.455	0.000	6.460	0.000	6.000	0.000	4.635	0.000	6.680	37.811
<b>Cold</b>	20 01 36	0.000	3.174	0.000	0.000	0.000	5.308	0.000	3.590	0.000	2.298	0.000	1.875	16.245
Foul Water from Septic Tank Coolcaslagh CA	20 03 04	100.700	108.140	87.560	30.220	15.520	60.760	17.800	35.400	102.880	64.80	59.24	61.34	744.36
Flourscent Tubes	20 01 21	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.204	0.000	0.00	0.103	0.00	0.367
<b>Total Recycling Excluding Mixed Municipal Waste &amp; Foul Water</b>		<b>51.116</b>	<b>53.054</b>	<b>46.359</b>	<b>45.390</b>	<b>32.551</b>	<b>38.882</b>	<b>40.003</b>	<b>42.586</b>	<b>30.905</b>	<b>34.782</b>	<b>31.795</b>	<b>45.746</b>	<b>493.169</b>
<b>Total Recycling Including Mixed Municipal Waste &amp; Foul Water</b>		<b>283.596</b>	<b>258.074</b>	<b>245.999</b>	<b>177.510</b>	<b>172.731</b>	<b>203.862</b>	<b>175.883</b>	<b>187.346</b>	<b>224.925</b>	<b>203.702</b>	<b>184.455</b>	<b>188.506</b>	<b>2,506.59</b>







## Appendix III – Results of Dust Monitoring 2017.



OUR REF: RP 2017 | KERRY COUNTY COUNCIL – COOLCASLASH TRANSFER STATION | 38341 C (Rev 00)

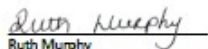
PAGE 01 \ 02

### ANALYSIS REPORT

CUSTOMER:	KERRY COUNTY COUNCIL COOLCASLASH TRANSFER STATION	SAMPLE TYPE:	BERGERHOFF DEPOSIT GAUGE
ADDRESS:	-	CONDITION OF SAMPLE ON RECEIPT:	Satisfactory
REPORT TO:	PAUL O CONNOR	DATE SAMPLED:	11 June – 12 July 2017
SAMPLED BY:	Danny O Leary, Southern Scientific Services Ltd	DATE RECEIVED:	12 July 2017
SAMPLING PT:	COOLCASLASH TRANSFER STATION	DATE ANALYSED:	18 – 24 July 2017
PROPOSAL REF:	-	DATE REPORTED:	26 July 2017
		WORK NO:	38341 C   17P-038

### TABLE OF RESULTS – DUST ANALYSIS (F)

Method:	Lab Ref:	Your Ref:	TOTAL PARTICULATES mg / m <sup>3</sup> / day	INORGANIC PARTICULATES mg / m <sup>3</sup> / day	Limit mg / m <sup>3</sup> / day (Supplied by Customer)
SCP 039	C17-Jul 344	ST 1	313	189	350
SCP 039	C17-Jul 345	ST 2	245	145	350
SCP 039	C17-Jul 346	ST 3	570	481	350

  
Ruth Murphy  
Chemistry Laboratory Manager

#### Index to symbols used:

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

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

OUR REF: RP 2017 | KERRY COUNTY COUNCIL – COOLCASLASH TRANSFER STATION | 38341 C (Rev 00)

PAGE 02 \ 02

#### COMMENT:

ST 3 - C17-Jul 346

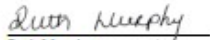
The collector gauge contained water, vegetation and a considerable amount of brown particulates and algae residue. The vegetation was removed prior to analysis.  
The dried dish contained a considerable amount of brown particulates and algae residue.  
The ashed dish contained a considerable amount of brown and red particulates and algae residue. The ashed residue underwent effervescence on addition of acid indicating the presence of carbonate in the residue.

ANALYSIS REPORT

<b>CUSTOMER:</b>	KERRY COUNTY COUNCIL COOLCASLASH TRANSFER STATION	<b>SAMPLE TYPE:</b>	BERGERHOFF DEPOSIT GAUGE
<b>ADDRESS:</b>	-	<b>CONDITION OF SAMPLE ON RECEIPT:</b>	Satisfactory
<b>REPORT TO:</b>	PAUL O CONNOR	<b>DATE SAMPLED:</b>	12 July – 16 August 2017
<b>SAMPLED BY:</b>	Danny O Leary, Southern Scientific Services Ltd	<b>DATE RECEIVED:</b>	16 August 2017
<b>SAMPLING PT:</b>	COOLCASLASH TRANSFER STATION	<b>DATE ANALYSED:</b>	29 August – 14 September 2017
<b>PROPOSAL REF:</b>	-	<b>DATE REPORTED:</b>	19 September 2017
		<b>WORK NO:</b>	38582 C   17P-038

TABLE OF RESULTS – DUST ANALYSIS (F)

Method:	Lab Ref:	Your Ref:	TOTAL PARTICULATES mg/m <sup>3</sup> / day	INORGANIC PARTICULATES mg/m <sup>3</sup> / day	Limit mg/m <sup>3</sup> / day <i>(Supplied by Customer)</i>
SCP 039	C17-Aug 361	ST 1	1234	499	350
SCP 039	C17-Aug 362	ST 2	669	413	350
SCP 039	C17-Aug 363	ST 3	272	167	350

  
Ruth Murphy  
Chemistry Laboratory Manager

Index to symbols used:

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(F)	Analysis carried out at our Ferranfore Laboratory.

- The results relate only to the items tested.
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- Sampling time is outside the scope of this test. This time is used to calculate the results.

**COMMENT:**  
ST 1 - C17-Aug 361

The collector gauge contained water and a large amount of brown and green particulates with a significant amount of algae residue.  
The dried dish contained a large amount of brown and green particulates and algae residue.  
The ashed dish contained a large amount of brown and red particulates and algae residue. The ashed residue underwent effervescence on addition of acid indicating the presence of carbonate in the residue.

**COMMENT:**  
ST 2 - C17-Aug 362

The collector gauge contained water and a large amount of brown and red particulates and algae residue.  
The dried dish contained a large amount of brown and red particulates and algae residue.  
The ashed dish contained a large amount of brown and red particulates and algae residue. The ashed residue underwent no effervescence on addition of acid indicating the absence of carbonate in the residue.

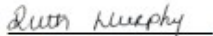


**ANALYSIS REPORT**

<b>CUSTOMER:</b>	KERRY COUNTY COUNCIL COOLCASLAGH TRANSFER STATION	<b>SAMPLE TYPE:</b>	BERGERHOFF DEPOSIT GAUGE
<b>ADDRESS:</b>	-	<b>CONDITION OF SAMPLE ON RECEIPT:</b>	Satisfactory
<b>REPORT TO:</b>	PAUL O CONNOR	<b>DATE SAMPLED:</b>	16 August 2017 – 13 September 2017
<b>SAMPLED BY:</b>	Danny O Leary, Southern Scientific Services Ltd	<b>DATE RECEIVED:</b>	13 September 2017
<b>SAMPLING PT:</b>	COOLCASLAGH TRANSFER STATION	<b>DATE ANALYSED:</b>	27 September 2017 – 11 October 2017
<b>PROPOSAL REF:</b>	-	<b>DATE REPORTED:</b>	17 October 2017
		<b>WORK NO:</b>	38780 C   17P-038

**TABLE OF RESULTS – DUST ANALYSIS (E)**

Method:	Lab Ref:	Your Ref:	TOTAL PARTICULATES mg /m <sup>3</sup> / day	INORGANIC PARTICULATES mg /m <sup>3</sup> / day	Limit mg /m <sup>3</sup> /day (Supplied by Customer)
SCP 039	C17-Sep 346	ST 1	392	176	350
SCP 039	C17-Sep 347	ST 2	997	774	350
SCP 039	C17-Sep 348	ST 3	859	353	350

  
Ruth Murphy  
Chemistry Laboratory Manager

## Index to symbols used:

*	Analysis is not INAB accredited.
(F)	Analysis carried out at our Farranfore Laboratory.

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

**COMMENT:**

ST 1 - C17-Sep 346

The collector gauge contained water and a large amount of green algae residue.  
The dried dish contained a large amount of green algae residue.  
The ashed dish contained a large amount of brown algae residue. The ashed residue underwent no effervescence on addition of acid indicating the absence of carbonate in the residue.

**COMMENT:**

ST 2 - C17-Sep 347

The collector gauge contained water and a large amount of brown and red particulates and algae residue.  
The dried dish contained a large amount of brown particulates and algae residue.  
The ashed dish contained a large amount of gray and brown particulates and algae residue. The ashed residue underwent effervescence on addition of acid indicating the presence of carbonate in the residue.

**COMMENT:**

ST 3 - C17-Sep 348

The collector gauge contained water and a large amount of green particulates and algae residue.  
The dried dish contained a large amount of green particulates and algae residue.  
The ashed dish contained a large amount of gray particulates and algae residue. The ashed residue underwent effervescence on addition of acid indicating the presence of carbonate in the residue.

## Appendix IV – Results of Noise Monitoring 2017.



**southern scientific  
services ltd**

<p style="text-align: center;"><b>ENVIRONMENTAL NOISE SURVEY 2017</b></p> <p style="text-align: center;"><b>COOLCASLAGH WASTE TRANSFER STATION</b></p> <p style="text-align: center;"><b>COOLCASLAGH</b></p> <p style="text-align: center;"><b>KILLARNEY</b></p> <p style="text-align: center;"><b>CO. KERRY</b></p> <p style="text-align: center;"><b>W0072-01</b></p>
---

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

<b>Issue Date</b>	<b>Revision</b>	<b>Checked By</b>	<b>Comment</b>
22/02/18	00	P. Byrne (B.Sc; Ph.D) Cert. Env. Noise (IOA)	Final report

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email: [info@southernscientificireland.com](mailto:info@southernscientificireland.com)

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Figure 1: Map showing monitoring locations N1 – N6



## 5. Discussion & Conclusion

The  $L_{AF10}$  &  $L_{AF90}$  noise parameters along with the audible noise sources recorded during the survey assist in providing an understanding of the sources and nature of the noise in the area. The  $L_{A10}$  is the A-weighted sound level, which is exceeded for 10% of the measurement interval and is usually used to quantify traffic noise or other short duration/passing events. In contrast, the  $L_{A90}$  is the A-weighted sound level that is exceeded for 90% of the measurement interval and is usually used to quantify background noise. The  $L_{Aeq}$  is the equivalent continuous sound level during a measurement interval, effectively representing the average A-weighted noise level. The Waste Licence for the site specifies a day-time limit of 55dB (A)  $L_{Aeq(30 min)}$  at noise monitoring locations. A night-time survey was not undertaken as the transfer station does not operate during night-time hours and there is no source of noise within the site during this period.

The noise survey results demonstrate that the 55dB (A)  $L_{Aeq(30 min)}$  limit was consistently not achieved at N5 & N6 and was exceeded twice at N5. The elevated noise levels at N1 are primarily attributable to traffic movements which include public road traffic, traffic entering and exiting the adjacent quarry, and traffic entering and exiting the waste transfer station itself. Similarly, noise levels at N5 are significantly influenced by traffic movements on the public road, traffic entering and exiting the industrial estate, and traffic entering and exiting the waste transfer site. Activities within the industrial estate were also noted as sources of noise at this location. At N6 noise from the waste transfer station was not audible. Background noise at this location was influenced by flowing water in the adjacent river. Again traffic movements on the public road impacted on the noise levels detected at this location ( $L_{A10}$  ranged from 56-61 dB (A)). The elevated noise levels on site are mainly attributable to intermittent noise sources such as vehicles entering and exiting the

site, on site machinery and plant, and customers depositing waste materials in receptacles (bottles most notable). The site boundary locations (N3 & N4) were within the 55 dB (A) limit. 1/3 Octave Frequency Spectra show that there was no prominent tonal noise present when assessed following the criteria in Annex D of ISO 1996 (Part 2), 2007.

It is concluded that while the noise limit of 55db (A) is not being achieved at all the monitoring locations, activities at the waste transfer station are not adversely impacting on the noise environment at the nearest noise sensitive location (N6) where monitoring took place. Noise at the noise monitoring locations is impacted by extraneous noise sources from surrounding landuses and traffic on the road network that the waste licence holder has no control over. The waste transfer station does not generate noise at night-time when the facility is closed.

## Appendix V – AER / PRTR Return 2017.



| PRTR#: W0072 | Facility Name : Coolcaslagh Transfer Station | Filename : W0072\_2017.xls | Return Year : 2017 |

[Guidance to completing the PRTR workbook](#)

# PRTR Returns Workbook

Version 1.1.19

<b>REFERENCE YEAR</b>	2017
-----------------------	------

### 1. FACILITY IDENTIFICATION

Parent Company Name	Kerry County Council
Facility Name	Coolcaslagh Transfer Station
PRTR Identification Number	W0072
Licence Number	W0072-01

#### Classes of Activity

No.	class_name
-	Refer to PRTR class activities below

Address 1	Coolcaslagh
Address 2	Killarney
Address 3	
Address 4	
	Kerry
Country	Ireland
Coordinates of Location	-9.43193 52.0657
River Basin District	IESW
NACE Code	3821
Main Economic Activity	Treatment and disposal of non-hazardous waste
<b>AER Returns Contact Name</b>	Alan Kennelly
<b>AER Returns Contact Email Address</b>	alan.kennelly@kerrycoco.ie
<b>AER Returns Contact Position</b>	EE
<b>AER Returns Contact Telephone Number</b>	0667162014
<b>AER Returns Contact Mobile Phone Number</b>	0879088205
<b>AER Returns Contact Fax Number</b>	0667162001
<b>Production Volume</b>	0.0
<b>Production Volume Units</b>	
<b>Number of Installations</b>	0
<b>Number of Operating Hours in Year</b>	0
<b>Number of Employees</b>	0
<b>User Feedback/Comments</b>	3 employees between Milltown & Coolcaslagh. 744.36 Tonnes of foul water removed from septic tank & taken to Killarney WWTW for treatment. Waste cooking oil (EWC 20 01 25) - 0.0 Tonnes collected. Waste paint & varnish (EWC 20 01 27) - 0.0 tonnes
<b>Web Address</b>	

### 2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
5(c)	Installations for the disposal of non-hazardous waste
5(c)	Installations for the disposal of non-hazardous waste
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) ?	
--	--

4.1 RELEASES TO AIR

[Link to previous years emissions data](#)

| PRTR#: W0072 | Facility Name : Coolcaslagh Transfer Station | Filename : W0072\_2017.xls | Return Year : 2017 |

28/03/2018 17:12

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO AIR					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			ADD EMISSION POINT		QUANTITY	
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

ADD NEW ROW | DELETE ROW \* \* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION B : REMAINING PRTR POLLUTANTS

RELEASES TO AIR					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			ADD EMISSION POINT		QUANTITY	
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

ADD NEW ROW | DELETE ROW \* \* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

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

RELEASES TO AIR					Please enter all quantities in this section in KGs					
POLLUTANT		METHOD			ADD EMISSION POINT			QUANTITY		
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	Emission Point 2	Emission Point 3	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
210	Dust				313.0	245.0	570.0	1128.0	0.0	0.0
					1234.0	669.0	272.0	2175.0	0.0	0.0
					392.0	997.0	859.0	2248.0	0.0	0.0

ADD NEW ROW | DELETE ROW \* \* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

Additional Data Requested from Landfill operators

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

Landfill: Coolcaslagh Transfer Station

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

T (Total) kg/Year	M/C/E	Method Used		Facility Total Capacity m3 per hour
		Method Code	Designation or Description	
Total estimated methane generation (as per site model)	0.0			N/A
Methane flared	0.0			0.0 (Total Flaring Capacity)
Methane utilised in engine/s	0.0			0.0 (Total Utilising Capacity)
Net methane emission (as reported in Section A above)	0.0			N/A

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

PRTR#: W0072 | Facility Name : Coolcaslagh Transfer Station | Filename : W0072\_2017.xls | Return Year : 2017 |

28/03/2018 17:12

Please enter all quantities on this sheet in Tonnes

3

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used					
Within the Country	13 02 08	Yes	3.65	other engine, gear and lubricating oils	R1	M	Weighed	Offsite in Ireland	Enva,W0184-1	Clonminam Industrial Estate, Portlaoise,County Laois,Ireland	ENVA Ireland,W0184,Clonmainam,Portlaoise,Co Laois, Ireland	Clonmainam,Portlaoise,Co Laois, Ireland
Within the Country	15 01 01	No	69.14	paper and cardboard packaging	R3	M	Weighed	Offsite in Ireland	Dillon Waste Ltd,WFP-KY-10-001	The Keries, Tralee,County Kerry,Ireland		
Within the Country	15 01 02	No	12.2	plastic packaging	R3	M	Weighed	Offsite in Ireland	Dillon Waste Ltd,WFP-KY-10-001	The Keries, Tralee,County Kerry,Ireland		
Within the Country	15 01 04	No	8.407	metallic packaging	R4	M	Weighed	Offsite in Ireland	Dillon Waste Ltd,WFP-KY-10-001	The Keries, Tralee,County Kerry,Ireland		
Within the Country	15 01 06	No	86.74	mixed packaging	R3	M	Weighed	Offsite in Ireland	Killamey Waste Disposal,W0217-01	Aughacureen, Killamey,County Kerry,Ireland		
Within the Country	15 01 07	No	70.378	glass packaging	R5	M	Weighed	Offsite in Ireland	Dillon Waste Ltd,WFP-KY-10-001	The Keries, Tralee,County Kerry,Ireland		
To Other Countries	16 02 11	Yes	16.245	discarded equipment containing chlorofluorocarbons, HCFC, HFC	R4	M	Weighed	Abroad	Electrical Waste Management,WFP- DS-11-0014-04	Jordanstown Drive,Greenogue Estate,Rathcoole,Dublin,Ireland	European Metal Recycling ,WML101767,Alexander Dock 1,Boole,Liverpool,L201BXU nited Kingdom	Alexander Dock 1,Boole,Liverpool,L201BXU nited Kingdom
To Other Countries	16 02 14	No	37.811	discarded equipment other than those mentioned in 16 02 09 to 16 02 13	R4	M	Weighed	Abroad	Electrical Waste Management,WFP- DS-11-0014-04	Jordanstown Drive,Greenogue Estate,Rathcoole,Dublin,Ireland		
Within the Country	19 07 03	No	744.36	landfill leachate other than those mentioned in 19 07 02	D8	M	Weighed	Offsite in Ireland	Irish Water Killamey WWTP,D0037-01	Ross Road,Killamey, Ireland		
Within the Country	20 01 01	No	37.26	paper and cardboard	R3	M	Weighed	Offsite in Ireland	Dillon Waste Ltd,WFP-KY-10-001	The Keries, Tralee,County Kerry,Ireland		
Within the Country	20 01 11	No	2.72	textiles	R3	M	Weighed	Offsite in Ireland	Textile Recycling Ltd,WPR 014/2	Belgard Road,Tallaght,Dublin,24,Ireland		
To Other Countries	20 01 21	Yes	0.367	fluorescent tubes and other mercury-containing waste	R5	M	Weighed	Abroad	KMK Metals,W0113-01	Cappincur Industrial Estate, Tullamore,County Offaly,Ireland	Alba Service GmbH & Co KG,E56657020,Kanalstrasse 64, Rheine,48432,Germany	Kanalstrasse 64, Rheine,48432,Germany
Within the Country	20 01 34	No	1.394	batteries and accumulators other than those mentioned in 20 01 33	R4	M	Weighed	Offsite in Ireland	Enva,W0184-1	Clonminam Industrial Estate, Portlaoise,County Laois,Ireland		
Within the Country	20 01 35	Yes	44.301	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components	R4	M	Weighed	Offsite in Ireland	Electrical Waste Management,WFP- DS-11-0014-04	Jordanstown Drive,Greenogue Estate,Rathcoole,Dublin,Ireland	The recycling Village,WFP/MH/11/0005/01 ,Unit 21 Duleek Business Park,Commons,Duleek,County Meath,Ireland	Unit 21 Duleek Business Park,Commons,Duleek,County Meath,Ireland
To Other Countries	20 01 35	Yes	28.035	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components	R4	M	Weighed	Abroad	Electrical Waste Management,WFP- DS-11-0014-04	Jordanstown Drive,Greenogue Estate,Rathcoole,Dublin,Ireland	European Metal Recycling ,WML101767,Alexander Dock 1,Boole,Liverpool,L201BXU nited Kingdom	Alexander Dock 1,Boole,Liverpool,L201BXU nited Kingdom
Within the Country	20 01 40	No	74.14	metals	R4	M	Weighed	Offsite in Ireland	United Metals,WFP-LK-2013-147A-R1	Eastway Business Pk,Ballysimon Road,Limerick, Ireland		
Within the Country	20 03 01	No	1269.06	mixed municipal waste	R12	M	Weighed	Offsite in Ireland	Killamey Waste Disposal,W0217-01	Aughacureen, Killamey,County Kerry,Ireland		