

SOUTH TIPPERARY COUNTY COUNCIL



WALLER'S LOT RECYCLING CENTRE & WASTE TRANSFER STATION ANNUAL ENVIRONMENTAL REPORT

2012

Waste Licence Register No. W0200-01

Prepared by:

South Tipperary County Council
Emmet Street
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March 2012

TABLE OF CONTENTS

	PAGE
1. INTRODUCTION.....	1
1.1. SCOPE AND PURPOSE OF THE REPORT.....	1
1.2. SITE LOCATION.....	1
1.2.1. <i>Site Contacts</i>	1
1.3. ENVIRONMENTAL POLICY	2
2. WASTE ACTIVITIES.....	4
2.1 WASTE QUANTITY AND COMPOSITION.....	5
3. MONITORING AND EMISSIONS	6
3.1. DUST MONITORING.....	6
3.1.1. <i>Dust Monitoring Results</i>	6
3.2. NOISE MONITORING.....	8
3.3 SURFACEWATER MONITORING	9
3.4 WASTEWATER MONITORING	10
3.5 GROUNDWATER MONITORING	11
3.6 TANK AND PIPELINE TESTING	11
3.7 RESOURCE AND ENERGY CONSUMPTION	14
4 SITE DEVELOPMENT / INFRASTRUCTURAL WORKS.....	15
4.1 SITE DEVELOPMENT	15
5 ENVIRONMENTAL INCIDENTS AND COMPLAINTS.....	16
5.1 INCIDENTS SUMMARY.....	16
5.2. COMPLAINTS SUMMARY	16
5.3 REVIEW OF NUISANCE CONTROLS.	16
5.3.1 <i>Litter Control</i>	16
5.3.2 <i>Vermin Control</i>	16
5.3.3 <i>Dust Control</i>	16
6 ENVIRONMENTAL MANAGEMENT SYSTEM.....	17
6.1 SUMMARY OF PROCEDURES ASSOCIATED WITH THE FACILITY	17
6.2 OBJECTIVES AND TARGETS	20
7 Facility Resources.....	23
7.1 MANAGEMENT AND STAFF STRUCTURE.....	23
7.1.1 <i>Training of Personnel</i>	25
7.1.2 <i>Records for the Training and Awareness Programme</i>	25
7.2 FINANCIAL PROVISIONS.....	25

TABLE OF FIGURES

	PAGE
Figure 1.1: Site Location Map.....	3
Figure 3.1: Monitoring Locations.....	7
Figure 7.1: Management Structure	22

LIST OF TABLES

	PAGE
Table 2.1: Licensed Categories and Quantities of Waste for Disposal.....	4
Table 2.2: Detailed Quantities of Waste Removed from Waller's Lot 2012.....	5
Table 3.1: Dust Deposition Monitoring 2012.....	6
Table 3.2: Noise Monitoring Results Summary.....	8
Table 3.3: SW1 Surface Water Monitoring	9
Table 3.4: SW2 Surface Water Monitoring.....	9
Table 3.5: Waste Water Monitoring Results.....	10
Table 3.6: GW1 Groundwater Monitoring Results.....	11
Table 3.7: GW2 Groundwater Monitoring Results.....	11
Table 3.8: Bund Test 1.....	12
Table 3.9: Bund Test 2.....	13
Table 4.0: Electricity Use 2012.....	14
Table 4.1: Diesel Usage 2012.....	14

LIST OF APPENDICES

Appendix 1	Noise Monitoring Results
Appendix 2	Electronic AER

1. INTRODUCTION

This Annual Environmental Report (AER) is required for submission to the Environmental Protection Agency in accordance with Condition 12.4 of Waste Licence W0200-01 for the Waller's Lot Site. This report presents the all the environmental data and other relevant information regarding the operation of the Waller's Lot Site for 2012

1.1. Scope and Purpose of the Report

South Tipperary County Council holds a waste licence (Register No W0200-01) for the operation of the Waller's Lot Site. The aim of this Annual Environmental Report (AER) is to provide a review of activities at the Waller's Lot Site during 2012.

This is the seventh AER to be submitted under Condition 12.4 of the licence. The Content of this AER is as defined in Schedule G of the waste licence.

1.2. Site Location

Waller's Lot is located on the edge of Cashel town.

The location of the site is shown on Figure 1.1.

The National Grid Reference for the site is: 208538969 139873395

1.2.1. Site Contacts

Name:	Mr. Pat Walsh
Job Title:	Site Manager
Telephone No:	(062) 64150
Fax No:	(062) 64157

Name:	Mr. Pat O' Dwyer
Job Title:	Deputy Site Manager:
Telephone No:	(052) 34882
Fax No:	(052) 34391

Name:	Ms. Ann Peters
Job Title:	Executive Engineer
Telephone No:	(052) 34397
Fax No:	(052) 34391

1.3. Environmental Policy

South Tipperary County Council is committed to conducting all activities such that they have a minimal effect on the environment.

South Tipperary County Councils main objectives are:

1. To comply with the Waste Licence (Licence Reg. W0200-01) and all relevant environmental legislation
2. To ensure that all facility infrastructure, as required in Condition 3 of the Waste Licence, is established
3. To ensure that all site personnel are familiar with:
 - a. the Conditions of the Waste Licence
 - b. the content of the Environmental Management System
 - c. all operational procedures
4. To reduce the potential for negative environmental impacts by a programme of continuous development on-site and appropriate mitigation measures.
5. To carry out all environmental monitoring, as required by Condition 9 of the Waste Licence.
6. To provide adequate training and awareness to all employees with regard to minimising environmental risks.

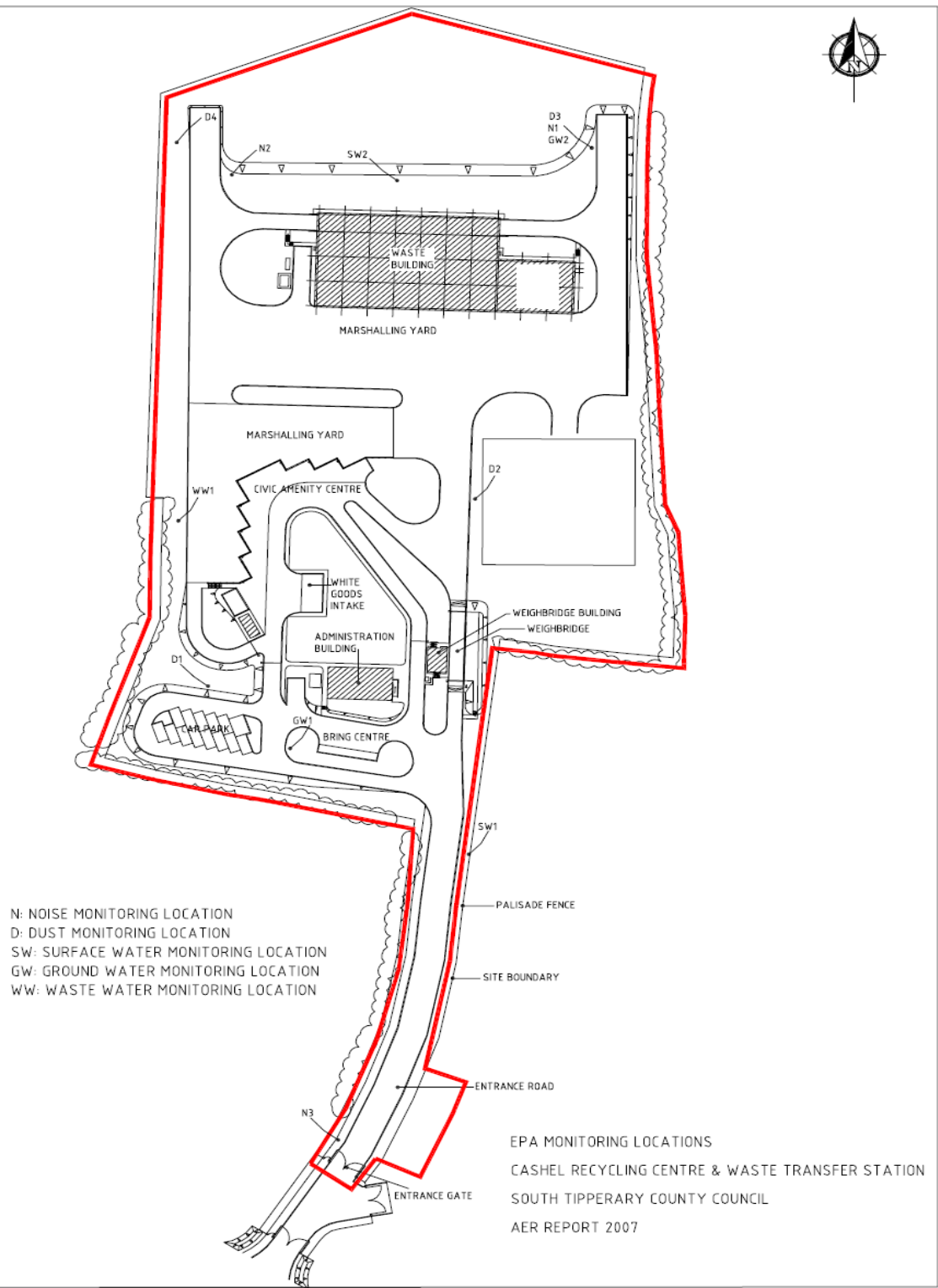


FIGURE 1.1: SITE LOCATION MAP

2 WASTE ACTIVITIES

The licensed waste disposal activities of the facility, in accordance with the Third Schedule of the Waste Management Act 1996 to 2003 are:

- 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.

The licensed waste disposal activities of the facility, in accordance with the Third Schedule of the Waste Management Act 1996 to 2003 are:

- 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 11. Use of waste obtained from any activity referred to in a preceding paragraph of this Schedule.
- 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 the waste concerned is produced.

The main activity at the site is as a Civic Amenity Centre and as a Waste Transfer Station.

Schedule A of the waste licence outlines the types and volumes of waste that can be accepted at the site. They are shown in Table 2.1 below.

Table 2.1: Licensed Categories and Quantities of Waste for Disposal

Waste Category	Maximum Quantity (Tonnes per annum)
Household and Commercial Waste	21,000
Household Hazardous Waste	100
Total	21,100

2.1 Waste Quantity and Composition

The quantity of waste removed from Waller's Lot in 2012 is outlined in Table 2.2.

Table 2.2: Detailed Quantities of Waste removed from Waller's Lot 2012

Waste Type	EWC Code	Quantity of Waste (Tonnes)
Aerosols	06 05 04	0.60
Batteries	16 06 01*	0.80
Cardboard	15 01 01	15.96
C + D	17 09 04	67.84
Cooking Oil	20 01 25	0
Aluminium Cans	19 08 14	0.60
Dry Recyclables	20 03 01	4,814.36
Fluorescent tubes	20 01 21	0.38
Glass	20 01 02	36.70
Hard Plastics	20 01 39	0
Household Hazardous	20 01 27 / 20 01 37	0.88
Electric Fence Batteries	20 01 33	0.68
Lead Acid Batteries	16 06 01	0.14
Mattresses	20 03 07	20.92
Metal	20 01 40	51.34
Oil Filters	16 01 07	0.10
Tyres	16 01 03	8.16
Household Waste	20 03 01	6,660.14
Newsprint	20 01 01	38.22
Steel Food Cans	15 01 04	2.16
Timber	20 01 37* / 20 01 38	290.52
WEEE	20 01 35*/ 20 01 36	128.78
Waste Water	20 03 04	0
Waste Oil	13 08 99	1.60
Textiles	20 01 10 / 20 01 11	26.46
Plaster Board\Gypsum	17 08 02	33.70
Plate Glass	17 02 02	10.36
Plastic Bottles	15 01 02	3.74
Farm Plastic	15 01 02	134.18
Gas Cylinders	15 01 11	0
	Total	12,349.32

3 MONITORING AND EMISSIONS

The monitoring carried out during 2012 is detailed below. All environmental monitoring locations are illustrated in Figure 3.1.

3.1 Dust Monitoring

Condition 9 and Schedule D.2.1 of the licence requires that the licensee conducts the following dust monitoring:

- Three times a year (two of which must occur between May and September) using the Standard Methods VDI2119 at onsite 4 locations.

3.1.1 Dust Monitoring Results

Dust Deposition Monitoring

Dust deposition monitoring was carried out in May\June, June\July. The results are shown in Table 3.1 below.

Dust Monitoring Point	Emission Limit	Q2 2012	Q3 2012	Median
D1 (mg/m ² /day)	350	19	33	26
D2 (mg/m ² /day)	350	24	52	38
D3 (mg/m ² /day)	350	62	43	52.5
D4 (mg/m ² /day)	350	52	No Result	52

Dust levels on site were well below limit value of 350 mg/m²/day at each of the monitoring stations during the monitoring period.

WALLERS LOT WASTE TRANSFER STATION AND CIVIC AMENITY

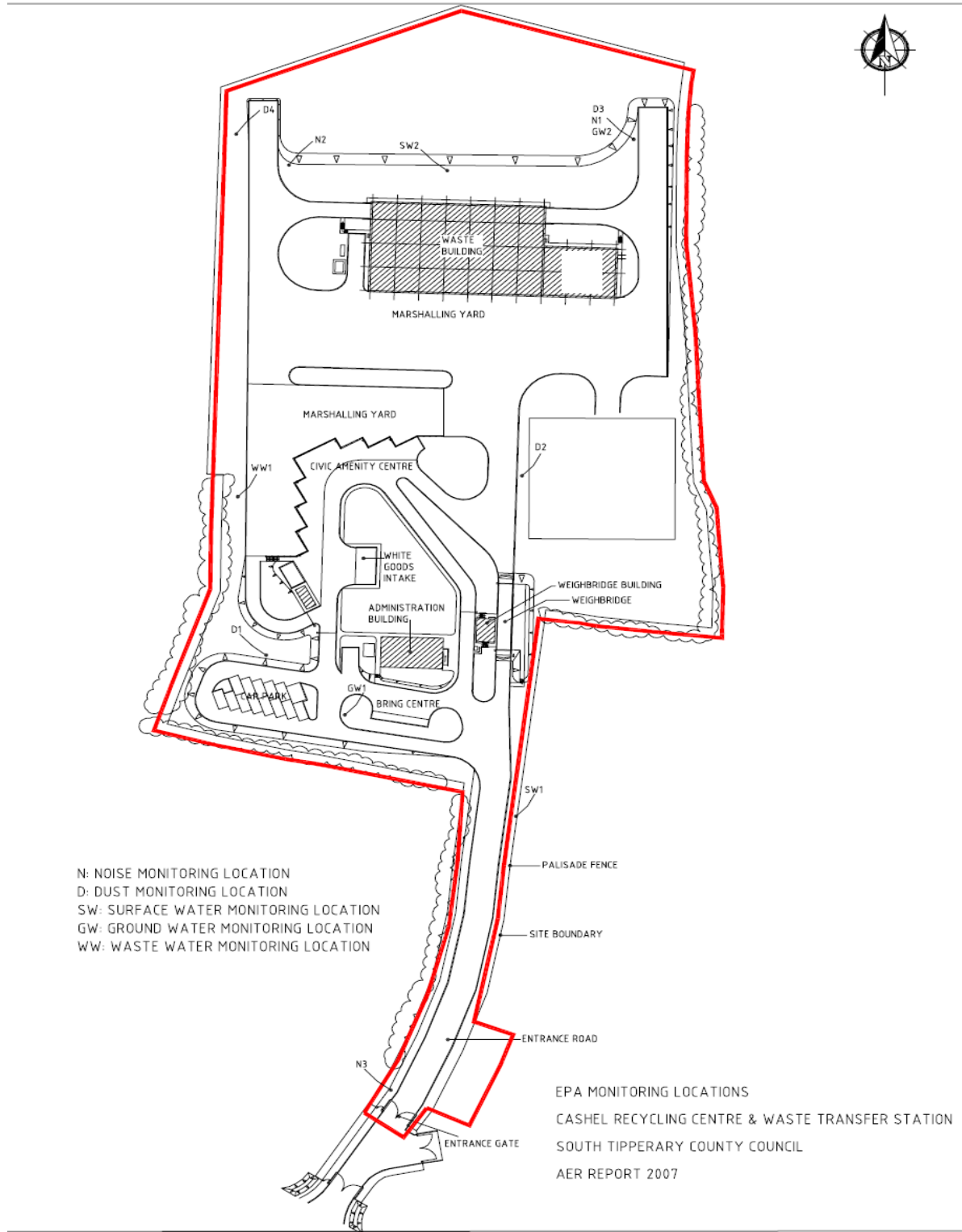


Figure 3.1: Monitoring Locations

3.2 Noise Monitoring

Condition 9 and Schedule D.3.1 of the licence require the licensee to conduct annual monitoring on noise emissions. A full noise survey was carried out on the 1st November 2012. A summary of the results can be seen in Table 3.2 below. A full copy of the results of these tests have been submitted to the Agency.

Table 3.2 Noise Monitoring Results Summary

Monitoring Point	Sampling Interval	Duration 30 (mins)	L(A)_{EQ}	Comments
N1	11.48-12.18	30	45.8	This location is at the entrance to the facility. Local road traffic M8 reaches up to 48db.
N2	11.11-11.41	30	47.5	Local road traffic M8 reaches up to 48db.
N3	09.50-10.20	30	55.1	Main road traffic reaches up to 56 dB. Light traffic in/out of recycling plant reach up to 60 dB. An ambulance passing resulted in levels of up to 74db for 90 seconds.

3.3 Surface water Monitoring

Condition 9 and Schedule D.4 of the licence require the licensee to conduct surface water monitoring at points prior to discharge to soak away at locations to be agreed with the Agency on a quarterly basis. The results can be seen in Table 3.3 and Table 3.4 below. All the results are very low.

Table 3.3 SW1 Surface Water Monitoring Results

Surface Water 1	Emission Limit	Q1 2012	Q2 2012	Q3 2012	Q4 2012	Median
BOD (mg/l)	10	No Discharge	No Discharge	2	Not Tested	2
pH	6.0 – 9.0	N/A	N/A	7.429	7.81	7.62
S.Solids (mg/l)	25	N/A	N/A	6	18	12
Conductivity (us/cm)	1500				183	183
Mineral Oil (mg/l)	5	N/A	N/a	<10ug/l	<10ug/l	<10

Table 3.4 SW2 Surface Water Monitoring Results

Surface Water 2	Emission Limit	Q1 2012	Q2 2012	Q3 2012	Q4 2012	Median
BOD (mg/l)	10	No Discharge	No Discharge	N/a No Discharge	Not Tested	
pH	6.0 – 9.0	N/A	N/a	N/a	7.71	7.71
S.Solids (mg/l)	25	N/A	N/a	N/a	34	34
Conductivity (us/cm)	1500	N/A	N/a	N/a	186	186
Mineral Oil (mg/l)	5	N/A	N/a	N/a	<10ug/l	<10

3.4 Wastewater Monitoring

Condition 9 and Schedule D.5 of the licence require the licensee to conduct waste water monitoring at a point prior to discharge to sewer at a location to be agreed with the Agency on a quarterly basis. The results can be seen in Table 3.5 below.

Table 3.5 Waste Water Monitoring Results

Wastewater	Emission Limit	Q1 2012	Q2 2012	Q3 2012	Q4 2012	Median
pH	6.0 - 10.0	7.05	7.08	7.306	7.68	7.19
Temperature (C)	25	8.6	8.9	NT	9	8.9
BOD (mg/l)	500	225	194	56.63	1.2	125.32
Suspended Solids (mg/l)	500	120	72	32	11	52
Fats, Oils, Grease (mg/l)	100	<1	<4	<4	<4	<4
Ammoniacial Nitrogen (mg/l)	50	NT	54.6	15.04	15.04	15.04

3.5 Groundwater Monitoring

Condition 9 and Schedule D.6 of the licence require the licensee to conduct groundwater monitoring at two groundwater wells located onsite on a quarterly basis. The results can be seen in Table 3.6 and Table 3.7 below.

Table 3.6 GW1 Groundwater Monitoring Results

Ground Water 1	Emission Limit	Q1 2012	Q2 2012	Q3 2012	Q4 2012	Median
Visual Inspection/Odour	No abnormal	No Odour Detected	No Odour Detected	No Odour Detected	No Odour Detected	
Groundwater Level (mts)		12.2	8.59	Nm	8	8
Conductivity (us/cm)	1500	794	933	707	747	770.5
pH	6.0 – 9.0	7.19	7.16	7.07	6.98	7.12
Temperature (C)	25	10.4	10.1	NT	11	10.4
Mineral Oil (mg/l)	5	<.01	<.01	<10ug/l	15.3	5.01

Table 3.7 GW2 Groundwater Monitoring Results

Ground Water 2	Emission Limit	Q1 2012	Q2 2012	Q3 2012	Q4 2012	Median
Visual Inspection/Odour	No abnormal	No Odour detected	DRY	No Odour Detected	No Odour detected	
Groundwater Level (mts)		12.2	Nm	Nm	Nm	12.2
Conductivity (us/cm)	1500	794	DRY	567	642	642
pH	6.0 – 9.0	7.19	DRY	7.066	9.97	7.19
Temperature (C)	25	10.4	DRY	NT	10.5	10.45
Mineral Oil (mg/l)	5	<.01	DRY	<10ug/l	<10ug/l	10

3.6 Tank and pipeline Testing

Bund Tests Table 3.8 and 3.9

Cashel Recycling Centre & Waste Transfer Station			
CONCRETE BUND INSPECTION & TEST			
Bund No.1 Waste Oil Bund			
Contractor:	South Tipperary Co.Co.		
Date:	16 th and 17 th January 2013		
Drawing Reference: (incl revision)	2003-024-03-035 Rev 0		
Location:	Civic Amenity Area		
Dimensions:	5.5m x 2.6m x 0.5m deep with 300mm sq sump 300mm deep		
Concrete Mix:	C35N20	Reinforcement:	T8 & T12
Date of Test:	January 2013	Weather:	Dry
<p>1.4. Bund Inspection:</p> <p>The bund was visually inspected and it was found that there was no sign of damage or deterioration. The bund was clean and clear of debris.</p> <p>There were no defects noted at the time of testing.</p>			
<p>Bund Test:</p> <p>The test was carried out in accordance with CIRIA Report 163 Construction of Bunds for Oil Storage Tanks Section 5.5.2.</p> <p>No drop in water level was noted at the end of the test period, indicating the bund was found to be watertight.</p>			
Signed:	_____		
Dated:	<i>Anne Peters Executive Engineer</i> <i>17/01/2013</i>		

Cashel Recycling Centre & Waste Transfer Station

CONCRETE BUND INSPECTION & TEST

**Bund No.2
Diesel Tank Bund**

Contractor:	South Tipperary Co.Co		
Date:	16 th and 17 th January 2013		
Drawing Reference: (incl revision)	2003-024-03-034 Rev 0		
Location:	Waste Transfer Station Area		
Dimensions:	3.5m x 2.5m x 0.5m deep with 300mm sq sump 300mm deep		
Concrete Mix:	C35N20	Reinforcement:	T8 & T12
Date of Test:	January 2013	Weather:	Dry

1.5. Bund Inspection:

The bund was visually inspected and it was found that there was no sign of damage or deterioration.

The bund was clean and clear of debris.

There were no defects noted at the time of testing.

Bund Test:

The test was carried out in accordance with CIRIA Report 163 Construction of Bunds for Oil Storage Tanks Section 5.5.2.

No drop in water level was noted at the end of the test period, indicating the bund was found to be watertight.

Signed:	 <hr/>
Dated:	<i>Anne Peters Executive Engineer</i> <i>17/01/2013</i>

3.7 Resource and Energy Consumption

Electricity and diesel usage are shown in Tables 4.0 and 4.1 below.

Table 4.0 Electricity Use 2012

Date	Kw
15/01/2012	1850
15/02/2012	23500
15/03/2012	1550
15/04/2012	3850
15/05/2012	3750
15/06/2012	3500
15/07/2012	3700
15/08/2012	2150
15/09/2012	3450
15/10/2012	5300
15/11/2012	4550
15/12/2012	2200

Table 4.1 Diesel Usage 2012(ltrs)

Jan 11	814.63
Feb 11	553.62
Mar 11	426.57
Apr 11	50.84
May 11	724
June 11	493
July 11	442.7
Aug 11	463
Sept 11	400
Oct 11	783.81
Nov 11	400
Dec 11	200
Average p\month	516.93

4 SITE DEVELOPMENT / INFRASTRUCTURAL WORKS

Site development works initiated or completed during the report period are described hereunder.

4.1

It is planned to install a building for WEEE and a concrete slab to facilitate the bulking up of items in 2013

SEW submitted to Agency in 2012

5 ENVIRONMENTAL INCIDENTS AND COMPLAINTS

5.1 Incidents Summary

Condition 12.3 of the waste licence requires that the licensee shall make written records of environmental incidents. No incidents were recorded during this reporting period

5.2. Complaints Summary

There were no complaints received during the reporting period.

5.3 Review of Nuisance Controls.

All nuisance control systems are monitored weekly to ensure that they are working effectively. The findings of these inspections are recorded on Nuisance Check Sheets, which are held on record in the facility. Environmental nuisances include:

1. Litter
2. Vermin
3. Dust

5.3.1 Litter Control

There are regular checks for litter onsite.

5.3.2 Vermin & Insects Control

The initial vermin control system on site is prompt waste disposal and reducing access to material. Additional vermin control work, is contracted to Pest Patrol (Pest control and Environmental Services). They use bait boxes the following systems to control vermin on site.

Pest Patrol carries out eight to ten site inspections annually to ensure that the site is free of vermin. Waller's Lot is not considered to have a vermin problem. The findings of these inspections are recorded and are held on record in the facility.

5.3.3 Dust Control

Dust control on-site is controlled using the following systems:

1. Reduced vehicle speed on site to control dust rising
2. Roads sprayed with water to keep dust down, done in dry weather

No complaints were received at the as regards dust raised by operational activities.

6 ENVIRONMENTAL MANAGEMENT SYSTEM

6.1 SUMMARY OF PROCEDURES ASSOCIATED WITH THE FACILITY

Documented procedures governing the operation of the facility are outlined below. Complete copies of all procedures are included in the facility's EMS.

Procedure Title **Emergency Response Procedure**
Summary The purpose of this procedure is to propose appropriate actions to ensure the safety & health of all site personnel and visitors, minimise damage to property and risk to the environment

This procedure describes the action to be used in the event of an emergency where an emergency can be described as but is not limited to any of the following incidences:

- significant spillage
- major fire/explosion
- flooding / structural damage
- major injury or dangerous occurrence

Revision Date & No. April 2010 Rev. 3

Procedure Title **Corrective Action Procedure**
Summary To ensure that the appropriate corrective action is taken in the event of an incident on-site, where an incident can be defined as:

- an emergency
- any emission which does not comply with the requirements of this licence (W0200-01)
- any trigger level specified in this licence which is attained or exceeded
- any indication that environmental pollution has, or may have, taken place

Revision Date & No. April 2010 Rev. 2

Procedure Title **Awareness and Training Procedure**
Summary To ensure that training needs are identified and appropriate training is provided for facility personnel.

Revision Date & No. February 2007 Rev. 1

Procedure Title **On-Site Communication Procedure**
Summary To ensure that members of the public can access, at the facility, information on the sites environmental performance, in compliance with Condition 2.4 of the waste licence

Revision Date & No. April 2010 Rev. 2

Procedure Title **External Communication Procedure**
Summary To ensure that all communications regarding the facility are correctly directed to be addressed by the correct personnel.

Revision Date & No. April 2010 Rev. 3

Procedure Title **Complaints Procedure**
Summary To ensure that all complaints that activities are creating a nuisance are recorded and dealt with, in compliance with Condition 11.4 of the waste licence

Revision Date & No. July 2007 Rev. 2

Procedure Title **Waste Characterisation and Testing Procedure**
Summary To provide a system of checking to ensure that waste collected at Waller's Lot complies with Schedule A of the Waste Licence.

Revision Date & No. July 2009 Rev. 3

Procedure Title **Waste Acceptance Procedure**
Summary To formalise the system of receiving and recording the delivery and acceptance of waste.

Revision Date & No. November 2007 Rev. 2

Procedure Title **Environmental Monitoring Procedure**
Summary To formalise the system of environmental monitoring on-site for:

- Surfacewater
- Groundwater
- Wastewater
- Dust
- Noise

Revision Date & No. April 2009 Rev. 3

Procedure Title **Site Inspection Procedure**
Summary To ensure that the site is inspected on a weekly basis to ensure that there is nothing of note occurring on site that is being missed.

Revision Date & No. February 2007 Rev. 1

Procedure Title **Nuisance Inspection Procedure**
Summary To ensure that the site is inspected on a weekly basis to ensure that there is no nuisance being caused by dust, litter and odours.

Revision Date & No. February 2007 Rev. 1

Procedure Title **Self –compacting Trailer Operator Procedure**
Summary Safe operation of the waste compacting trailer.

Revision Date & No. January 2008 Rev. 0

Procedure Title **Waste Conveyor Operation Procedure**
Summary To ensure the safe operation of the waste conveyor

Revision Date & No. January 2012 Rev. 1

Procedure Title **Waste Handling Procedure**
Summary To ensure up to ensure that waste is handled in a safe manner

Revision Date & No. January 2012 Rev. 1

Procedure Title **Compactor Skip Procedure**

Summary To ensure up to ensure that all skips are operated in a safe manner
Revision Date & No. November 2010 Rev. 0

Procedure Title **Telescopic handler Procedure**
Summary To ensure that the Telescopic Handler is operated and maintained in a safe manner.
Revision Date & No. November 2010 Rev. 0

Procedure Title **Vehicle Movement Procedure**
Summary Ensure that all vehicles using the site enter, travel and operate safely
Revision Date & No. November 2007 Rev. 2

Procedure Title **Site Inspection Procedure**
Summary To ensure that the site is inspected on a weekly basis to ensure that there is nothing of note occurring on site that is being missed.
Revision Date & No. February 2007 Rev. 1

Procedure Title **Nuisance Inspection Procedure**
Summary To ensure that the site is inspected on a weekly basis to ensure that there is no nuisance being caused by dust, litter and odours.
Revision Date & No. February 2007 Rev. 1

6.2 OBJECTIVES AND TARTGETS

Objective 1	Continue Advertising campaign	
Target	I	
	Tasks	Timeframe
	1. Advertise facilities in local paper.Ongoing	September 2013
Responsibility	Facility manager & PAO	
Resources\Comments		

Objective 2	Review all aspects of Health and Safety in relation to the facility	
Target	To carry out a review in relation to all aspects of health and safety concerning this facility	
	Tasks	Timeframe
	1. Review Site specific safety statement	July 2014
	2. Carry out any recommendations for reduction of risk outlined in Safety Statement.	July 2014
Responsibility	Facility manager & RE	
Resources\Comments		

Objective 3	Improve energy efficiency on site	
Target	In compliance with Condition 8.1 STCC will carry out an audit of the energy efficiency of the site to identify opportunities for energy use reduction and better resource use.	
	Tasks	Timeframe
	1. Carry out energy audit in accordance with guidance published by the Agency – ‘Guidance note on energy efficiency auditing’.	September 2013
	2. Implement audit findings and review. Ongoing	January 2014
Responsibility	Facility manager & E.E	
Resources\Comments	Audit Completed	

Objective 4	Improve site security	
Target		
	Tasks	Timeframe
	1. Maintain fence	Ongoing
	2. Reduce scavengers / trespassers	
Responsibility	Facility manager	
Resources\Comments	Worked with local Gardai / New Security cameras fitted	

Objective 5	Implementation of a management and reporting system	
Target	In compliance with Condition 2.4 STCC will maintain a system whereby all environmental information is available to members of the public during opening hours	
	Tasks	Timeframe
	1. Review and update the EMS 2012	September 2013
	2. Review and update the schedule of objectives and targets 2012	
	3. Implement reviewed EMP	September 2013
	4. Review and update the Corrective Action Procedure	
	5. Review and update the Awareness and Training Programme See Chapter 6	March 2014
	6. Prepare an AER	
Responsibility	Facility Manager	
Resources\Comments	Completed	

Objective 6	Expand the range of products accepted for recycling	
Target	Expand the range of products accepted	
	Tasks	Timeframe
	1. Investigate other materials	Ongoing
	2. Hard Plastics	Completed
Responsibility	Facility Manager	
Resources\Comments		

Objective 7	Site Inspections	
Target	To ensure that all appropriate site inspections are carried out and documented as per the Licence requirements	
	Tasks	Timeframe
	1. Training of Staff in Inspection procedures	Ongoing
	2. Maintaining Inspection records	Ongoing
Responsibility	Facility manager	
Resources\Comments	Ongoing	

Objective 8	Staff Training	
Target	To ensure that all site personnel are appropriately qualified for the position they hold on site.	
	Tasks	Timeframe
	1. Implement regular in-house training for on-site personnel including First Aid and Spill Kit Training	Ongoing
Responsibility	Facility manager	
Resources\Comments	Ongoing	

Objective 9	Environmental Education	
Target	To encourage all interested parties to visit the site and learn about recycling	
	Tasks	Timeframe
	1. Use building to run courses regarding all forms of recycling	Ongoing
	2. Encourage school visits	Ongoing
Responsibility	Facility manager, Environmental Engineer, Public Awareness Officer.	
Resources\Comments	Ongoing	

Objective 10	Reduction in Resource usage	
Target	To reduce usage of water and power on site	
	Tasks	Timeframe
	1. Implement recommendations of energy audit	Ongoing
Responsibility	Facility manager	
Resources\Comments	Regular monitoring of site water meter .	

Objective 11	Site Development	
Target	To Increase the Size and Scope of the Site.	
	Tasks	Timeframe
	1. To Fully concrete bulking area install new loading bays and build a warehouse for housing all WEE products.	September 2013
Responsibility	Facility manager\Site Engineer	
Resources\Comments		

7 FACILITY REOURCES

7.1 Management and Staff Structure

There are six operational staff at the site: a Facility Manager, responsible for the day-to-day site activities, a deputy manager, environmental chemist, a weighbridge operator and two general operatives.

A staffing structure for site operations is presented in Figure 7.1. Their qualifications and responsibilities are outlined below:

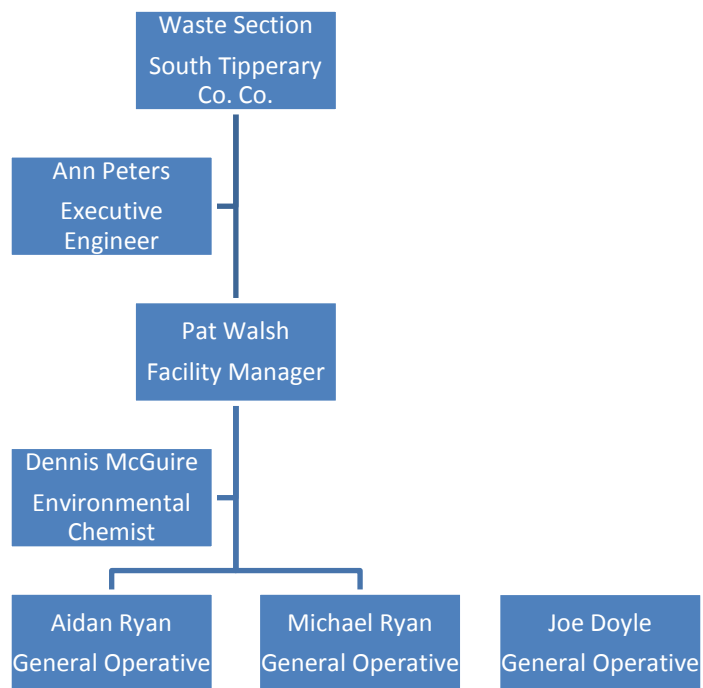


Figure 7.1: Management Structure

Facility Manager:	<i>Pat Walsh</i>
Qualifications:	FAS Waste Management Training Course FAS SafePass Course
Responsibilities:	Day-to-Day Operations Waste Acceptance Environmental Protection

Executive Engineer:	<i>Anne Peters</i>
Qualifications:	B.E. (Chem.) FAS Waste Management Training Course FAS SafePass Course
Responsibilities:	Oversee infrastructure development and management on site

Deputy Manager:	<i>Dennis McGuire</i>
Qualifications:	B.Sc.
Responsibilities:	Responsible for analytical analysis of monitoring on site

Deputy Manager:	<i>Pat O' Dwyer</i>
Qualifications:	FAS Waste Management Training Course FAS SafePass Course
Responsibilities:	Deputy for the Facility Manager, has the same responsibilities <ul style="list-style-type: none"> • Day-to-day operations • Waste acceptance • Environmental protection

General Operators	Michael Ryan
Qualifications:	FAS Waste Management Training Course In –house Training <ul style="list-style-type: none"> • Weighbridge operation • Telescopic handler • Safe Pass • Manual handling • Instruction on the implication of the waste licence on site staff
Responsibilities:	Weighing Waste Acceptance Records Cash Duty General house keeping

General Operators	Aidan Ryan and Joe Doyle
Qualifications:	In –house Training <ul style="list-style-type: none"> • Weighbridge operation • Telescopic handler • Safe Pass • Manual handling • Instruction on the implication of the waste licence on site staff
Responsibilities:	Weighing Waste Acceptance Records Cash Duty General house keeping

Staff will be present on site during operational hours to supervise the waste disposal, deal with any emergency that arises and to prevent unauthorised entry into the site. The Facility Manager, or appointed deputy, must be on site during opening hours.

The primary goal of all training is to ensure that there is awareness at all levels of:

- the importance of compliance with conditions of the licence
- the potential environmental effects of work activities
- individual roles and responsibilities in achieving compliance with the waste licence
- the environmental benefits of improved performance
- the Health, Safety & Welfare at Work Act.

7.1.1 Training of Personnel

It will be the responsibility of the Manager to ensure that all staff receives training in relevant areas/tasks, including:

- instruction and operation of the machinery
- operation of the weighbridge and computer system
- training for specific functions

The Manager shall also ensure that all staff receives general training, including:

- instruction in manual handling
- the use of fire extinguishers
- FAS SafePass Course
- First Aid training

It is also the responsibility of the Manager to ensure that site staff are aware of the terms of the waste licence at the facility and the responsibility of each staff member to maintain specific terms of the waste licence. It is the responsibility of the facility manager to ensure that each staff member is aware of his or her specific function.

The Health and Safety Officer makes regular visits to the site, to promote awareness of safety issues and to audit the site. Any suggested improvements are implemented as soon as possible.

7.1.2 Records for the Training and Awareness Programme

- A training records file is kept at the site office
- All relevant operational procedures and documentation relevant to the licence shall be kept at the facility office and updated regularly
- All staff shall be made aware of the existence of such documents.

7.2 Financial Provisions

The county council have the funds available to them to complete the aftercare and restoration of the site in the event of the site closure.

The aftercare and restoration plan was submitted to the Agency in attachment G.1 of the Waste Licence application.



[Guidance to completing the PRTR workbook](#)

AER Returns Workbook

Version 1.1.16

REFERENCE YEAR	2012
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1. FACILITY IDENTIFICATION

Parent Company Name	South Tipperary County Council
Facility Name	Recycling Centre and Waste Transfer Station
PRTR Identification Number	W0200
Licence Number	W0200-01

Waste or IPPC Classes of Activity

No.	class name
3.12	Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.
3.13	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.
4.11	Use of waste obtained from any activity referred to in a preceding paragraph of this Schedule.
4.13	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.
4.2	Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).
4.3	Recycling or reclamation of metals and metal compounds.
4.4	Recycling or reclamation of other inorganic materials.
Address 1	Waller's Lot
Address 2	Cashel
Address 3	Co Tipperary
Address 4	
	Tipperary
Country	Ireland
Coordinates of Location	-7.8745 52.5126
River Basin District	IESE
NACE Code	3821
Main Economic Activity	Treatment and disposal of non-hazardous waste
AER Returns Contact Name	Pat Walsh
AER Returns Contact Email Address	pat.walsh@southtippercoco.ie
AER Returns Contact Position	Facility Manager
AER Returns Contact Telephone Number	062 64150
AER Returns Contact Mobile Phone Number	087 2318627
AER Returns Contact Fax Number	062 64157
Production Volume	0.0
Production Volume Units	
Number of Installations	1
Number of Operating Hours in Year	2236
Number of Employees	4
User Feedback/Comments	
Web Address	

2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
50.1	General
50.1	General

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

Is it applicable?	No
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) ?	
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This question is only applicable if you are an IPPC or Quarry site

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

| PRTR#: W0200 | Facility Name : Recycling Centre and Waste Transfer Station | Filename : PRTR 2012.xls | Return Year : 2012 |

25/04/2013 10:33

Please enter all quantities on this sheet in Tonnes

31

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility	Haz Waste : Address of Next Destination Facility	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used		Non Haz Waste: Name and Licence/Permit No of Recover/Disposer	Non Haz Waste: Address of Recover/Disposer		
Within the Country	13 08 99	Yes	1.6	Waste Oil	R13	M	Weighed	Offsite in Ireland	Enva,W0184-01	.....,Ireland	Enva,W0184-01,Enva,Clonimam ind est,Portlaoise,..,Ireland	Enva,Clonimam ind est,..,Portlaoise,Ireland
Within the Country	15 01 06	No	15.96	mixed packaging	R13	M	Weighed	Offsite in Ireland	Greenstar,WO-103-81	.....,Ireland		
Within the Country	15 01 02	No	134.18	plastic packaging	R13	M	Weighed	Offsite in Ireland	Walker Recycling Services,WMP044B	.....,Ireland		
Within the Country	15 01 04	No	0.6	metallic packaging	R13	M	Weighed	Offsite in Ireland	Rehab Recycling,08/04 (Reg 635)	.....,Ireland		
Within the Country	15 01 06	No		mixed packaging	R13	M	Weighed	Offsite in Ireland	N/A,N/A	.....,Ireland		
Within the Country	16 05 04	Yes	0.6	halons containing dangerous substances	R13	M	Weighed	Offsite in Ireland	Enva,W0184-01	.....,Ireland	Geocycle,38.152/BP,Feneffe,.....,Belgium	.....,Belgium
Within the Country	16 06 01	Yes	0.14	lead batteries	R13	M	Weighed	Offsite in Ireland	KMK,W0113-04	.....,Ireland	Geocycle,38.152/BP,Feneffe,.....,Belgium	.....,Belgium
Within the Country	16 06 02	Yes	0.8	Ni-Cd batteries	R13	M	Weighed	Offsite in Ireland	KMK,W0113-04	.....,Ireland	KMK,W0114,KMK,..,Tullamore e,..,Ireland	KMK,..,Tullamore,..,Ireland
Within the Country	17 09 04	No	67.84	09 02 and 17 09 03	R13	M	Weighed	Offsite in Ireland	Greenstar,WO-103-81	.....,Ireland		
Within the Country	17 02 02	No	10.36	glass	R13	M	Weighed	Offsite in Ireland	Greenstar,WO-103-81	.....,Ireland		
Within the Country	17 08 02	No	33.7	gypsum-based construction materials other than those mentioned in 17 08 01	R13	M	Weighed	Offsite in Ireland	Greenstar,WO-103-81	.....,Ireland		
Within the Country	20 01 01	No	38.22	paper and cardboard	R13	M	Weighed	Offsite in Ireland	Greenstar,WO-103-81	.....,Ireland		
Within the Country	20 01 02	No	36.7	glass	R13	M	Weighed	Offsite in Ireland	Rehab Recycling,08/04 (Reg 635)	.....,Ireland		
To Other Countries	20 01 10	No	26.46	clothes	R13	M	Weighed	Abroad	Cookstown Recycling,Charity	.....,United Kingdom		
Within the Country	20 01 21	Yes	0.38	fluorescent tubes and other mercury-containing waste	R13	M	Weighed	Offsite in Ireland	KMK,W0113-04	.....,Ireland	KMK,W0114,KMK,..,Tullamore e,..,Ireland	KMK,..,Tullamore,..,Ireland
Within the Country	20 01 27	Yes	0.88	paint, inks, adhesives and resins containing dangerous substances	R13	M	Weighed	Offsite in Ireland	Enva,W0184-01	.....,Ireland	Geocycle,38.152/BP,Feneffe,.....,Belgium	.....,Belgium
Within the Country	20 01 35	Yes	128.78	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and and 20 01 23 containing hazardous components	R13	M	Weighed	Offsite in Ireland	KMK,W0113-04	.....,Ireland		
Within the Country	20 01 38	No	290.52	wood other than that mentioned in 20 01 37	R13	M	Weighed	Offsite in Ireland	KMK,W0113-04	.....,Ireland		
Within the Country	20 01 39	No	0.0	plastics	R13	M	Weighed	Offsite in Ireland	Donohill Landfill,W0074-03	.....,Ireland		
Within the Country	20 01 40	No	2.16	metals	R13	M	Weighed	Offsite in Ireland	Polymer Recovery,WFP-LS-09-0007-02	.....,Ireland		
Within the Country	20 01 40	No	51.34	metals	R13	M	Weighed	Offsite in Ireland	Rehab Recycling,08/04 (Reg 635)	.....,Ireland		
Within the Country	20 03 01	No	6660.14	mixed municipal waste	D13	M	Weighed	Offsite in Ireland	Greenstar,WO-103-81	.....,Ireland		
Within the Country	20 03 07	No	20.92	Mattresses	R13	M	Weighed	Offsite in Ireland	Donohill Landfill,W0074-03	.....,Ireland		
Within the Country	15 01 06	No	1933.44	mixed packaging	R13	M	Weighed	Abroad	Mr.Binman,WFP-TS-10-0006-01	.....,Ireland		
Within the Country	15 01 06	No	1478.14	mixed packaging	R13	M	Weighed	Abroad	Regen Waste,LN/10/50/M Dillon Waste,WFP KY 10-001	.....,United Kingdom	Carnbarne Industrial Estate,Shepard's Drive,Newry,Down,United Kingdom	
Within the Country	15 01 06	No	1166.5	mixed packaging	R13	M	Weighed	Offsite in Ireland	Clean Ireland Recycling,W0253-01	.....,Ireland	The Kerries,..,Tralee,Co. Kerry,Ireland	
Within the Country	15 01 06	No	239.28	mixed packaging	R13	M	Weighed	Offsite in Ireland	Mr.Binman,WFP-TS-10-0006-01	.....,Ireland	Ballingun West,Cree,Clare,..,Ireland	

* Select a row by double-clicking the Description of Waste then click the delete button

[Link to previous years waste data](#)

[Link to previous years waste summary data & percentage change](#)