Report: **Annual Environmental Report 2008**

Report No.: 233/090428

Licensed Facility: **Parkwest Facility**

Licensee: **Techrec Ireland Ltd.**

Report No. 233/090428
Rev.:_____
Date: _____
Authorised:_____

Annual Environmental Report Contents

1 Introduction

This report details the licencee's compliance with the requirements of Waste Licence, register reference no. W0233-01 in relation to the requirement to produce an Annual Environmental Report (AER).

The format of the report is consistent with Schedule F of Licence.

The Guidance Notes issued by the Agency for the preparation of Annual Environmental Reports for IPC licensed facilities have been consulted.

1.1 Licensed Facility

The licensed facility register reference no. W0233-01.

1.2 Name and Location

The AER is that of:

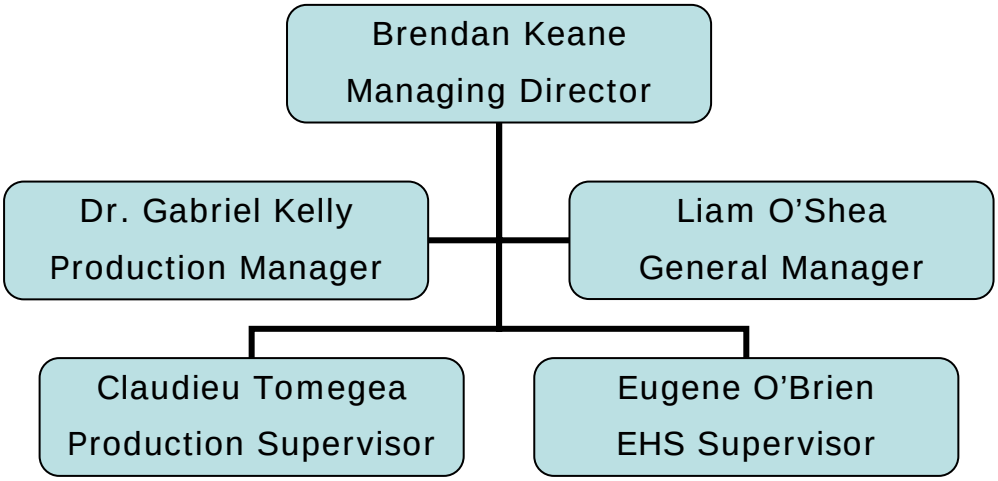
Techrec Ireland Ltd.
Unit 52, Parkwest Business Park,
Nangor Road,
Dublin 12

1.3 Company Environmental Policy

Refer to Appendix 1 for a copy of the Company environmental policy.

The company is accredited to ISO 14001. The auditing body is Certification Europe.

1.4 Company Organisational Chart for Environmental Management



1.5 Reporting Period

1.5.1 Reporting Period

The reporting period is 1st January 2008 to 31st December 2008.

2 Waste Activities Carried out at the Facility

2.1 Introduction

The following is the list of waste activities permitted under W0233-01.

Activities in accordance with the Fourth Schedule of the Waste Management Act, 1996

Class 3. Recycling or reclamation of metals and metal compounds:

This activity relates to the storagesorting and processingof metallic wastes and waste electricaland electronic equipment (WEEE) for recovery

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:

This activity relates to the storage of waste at the facility prior to off-site recovery.

3 Wastes Managed

See:

Appendix 3 WEEE Survey and

Appendix 4 AER Returns Wooksheet

4 *Report on Emissions/Results and interpretations of Environmental Monitoring*

Monitoring for the period took place as per the chart below:

Noise Monitoring was caried out in Feb 2008. The daytime noise limit was complied with at noise sensitive locations. There was no clearly audible or measurable tonal or impulsive noise component in the noise emission from the activity at any noise sensitive locations.

Stack monitoring was carried out during 3 December 2008:

Ref.:	Sampling Date:	Parameter	Comments
2009A62(1)	03/12/08	Dust Main stack – CRT stack -	ELV 50mg/M^3 1.2mg/M^3 N/A
2009A62(1)	03/12/08	Cr Main stack – CRT stack	ELV 1mg/M^3 0.0012mg/M^3 N/A
2009A62(1)	03/12/08	Ni Main stack – CRT stack	ELV 5mg/M^3 0.0014mg/M^3 N/A

Surface water monitoring was carried out in January, June, October and December 2008. There was no emission of environmental significance.

Ref.:	Sampling Date:	Parameter	Comments
1115/002/01	24/01/08	COD	7 mg/L
	SW1	Mineral oil	<1 ug/L
		Total Suspended Solids	<3 mg/L
115/002/01	24/01/08	COD	6 mg/L
	SW5	Mineral oil	<1 ug/L
		Total Suspended Solids	7 mg/L
1115/003/01	27/06/09	COD	35 mg/L
	SW1	Mineral oil	<1 ug/L
		Total Suspended Solids	<3 mg/L
1115/003/02	27/06/09	COD	7 mg/L
	SW5	Mineral oil	<1 ug/L

Ref.:	Sampling Date:	Parameter	Comments
		Total Suspended Solids	<3 mg/L
1115/004/01	16/10/09	COD	6 mg/L
	SW1	Mineral oil	20.72 ug/L
		Total Suspended Solids	9 mg/L
1115/004/02	16/10/09	COD	5 mg/L
	SW5	Mineral oil	23.68 ug/L
		Total Suspended Solids	8 mg/L
1115/005/01	09/12/2008	Mineral oil	<615.97 ug/L
	SW1	Total Suspended Solids	5 mg/L
		COD	7 mg/L
		Metals/NonMetals	No significant levels detected
		Organic Substances	<1 ug/L
		Mercury	<0.2 ug/L
1115/005/02	09/12/2008	Mineral oil	<260.22 ug/L
	SW5	Total Suspended Solids	8 mg/L
		COD	9 mg/L
		Metals/NonMetals	No significant levels detected
		Organic Substances	<1 ug/L
		Mercury	<0.2 ug/L

See Appendix 2 for full monitoring reports.

5 Objectives & Targets of EMS

1. Schedule of Environmental Targets and Objectives 2007-2012

1. Ensure that the plant has a facility manager in place by 1st Quarter 2008
2. To conduct 3rd Party Audits of Waste Contractors and disposal sites
3. Reduce the volume of waste from the plant by 10%
4. Improve the Energy Efficiency of the plant
5. Improve the throughput and efficiency of the plant
6. Improve dust control measures in the plant
7. Carry out full Environmental Noise survey in Q1 2008

2. Environmental Management Programme proposal for 2008

The EMP implemented on site was audited by external auditors twice during 2007: April and September.

The system has been audited internally by external consultant and internally by the General Manager.

We have prepared a schedule of Environmental Objectives and Targets for the period 2007 – 2012.

These objectives and targets, listed above, were identified in June 2007 and reviewed again in June 2008.


Certification Europe

This is to certify that the

Environmental Management System

Of

TechRec Ireland Limited

At

51 Park West Industrial Estate, Nangor Road, Dublin 12

Has been assessed by Certification Europe and deemed to comply with the requirements of

ISO 14001:2004

This certificate is valid for the activities specified below:

The recycling and reclamation of waste electronic and electrical equipment (NACE Code 37)

Date of initial certification: 20th September 2006 | This certificate is valid until: 19th September 2009

Chief Executive: | Chairman:

Signature: | Signature:

I.S. EN ISO 14001

IVNAB

Client Registration No.: 2006/336
Certificate Reference No.: A/1

6 Procedures

No procedures have been amended during 2008.

7 Testing and Inspection Reports

No bunded structures are present on site. No testing has been carried out during the peroid.

8 Reported Incidents and Complaints Summaries

During the reporting period no incidents were reported.

During the reporting period no complaints were received.

9 Review of Nuisance Controls

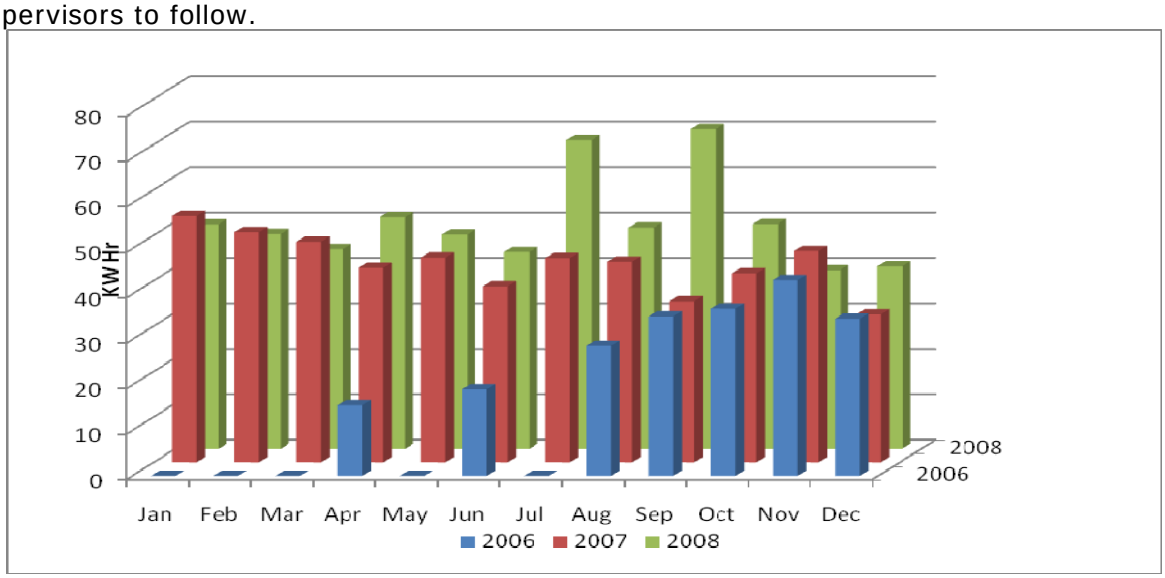
When on site, the General Manager's morning routine includes a walk about the plant, checking for excess noise, monitoring vehicular traffic, litter and dust nuisances. If there was any abnormality, it was acted upon immediately.

The Plant manager checks at least once a week inspecting the facility and its immediate surrounds for nuisances caused by litter and dust. The Plant Manager maintains a record of all nuisance inspections.

10 Resource and Energy Consumption Summary

Although we have not yet carried out an efficiency audit report, we have had an internal technology and operations audit, carried out by our sister company Immark AG. Even though there were no recommendations made regarding the energy efficiency of the plant it was mentioned during the audit that we could fit an inverter at the QZ motor to decrease energy consumption and by increasing the density of material exiting the QZ we would increase the throughput of the process. It was also mentioned that we should look at reducing the MIC in 2008 closer to 500KVA.

The assessment of the efficiency of the use of raw materials in processes and the reduction in waste generated is on-going. Several process logs have been developed to record process data so that at a later stage we can introduce adequate controls for Supervisors to follow.



1 Electricity Consumption 3 year 2006 - 2008

11 Development and Infrastructural Works

No Specified Engineering Works have been carried out during 2008. Operation of the CRT plant was stopped, the equipment dismantled and the emission point decommissioned.

12 Reports on financial provision made under this licence, management and staffing structure of the facility, and a programme for public information

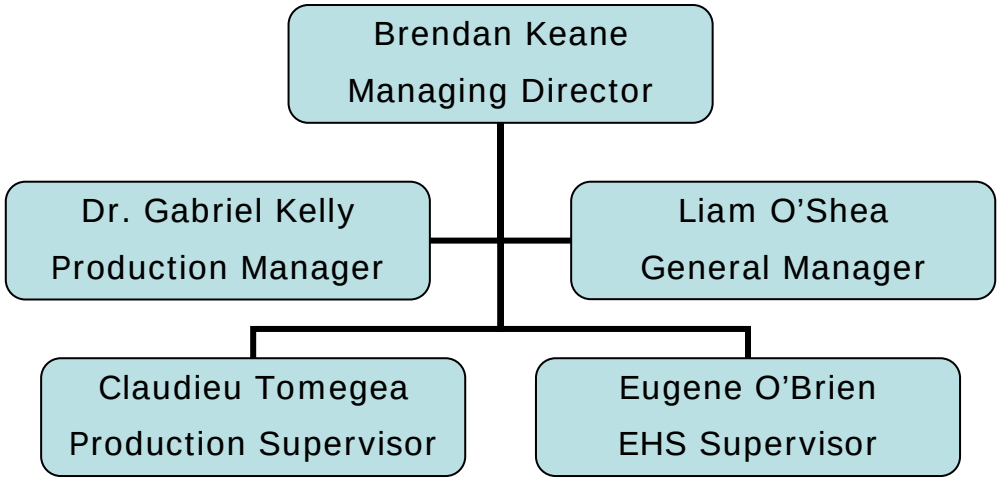
A documented Accident Prevention Procedure is in place which addresses the hazards on-site, particularly in relation to the prevention of accidents with a possible impact on the environment. This procedure is reviewed annually and updated as necessary.

A documented Emergency Response Procedure is in place, which addresses any emergency situation which may originate on-site. This procedure includes provision for minimising the effects of any emergency on the environment and is reviewed annually and updated as necessary.

12.1 Programme for Public Information and Communications

The Notice Board is erected at the front of the premises detailing the Waste Licence Number and Holder, contact details and hours of operation. All requests for information from members of the public are to be put in writing to the Facility Manager, detailing what information is required. From this an appointment is made. No such requests have been made in 2008.

12.2 Staffing Structure



13 Foul Water

There has been no foul water produced for discharge or disposal for the reporting period.

14 Any other items specified by the Agency

Not applicable.

15 Appendix 1 Environmental Policy

Immark is a customer orientated, waste management company specialising in the storage, transport, processing and disposal/recovery of waste materials in accordance with national and international regulations. Immark also carry out the assessment, remediation and clean up of areas following hazardous material contamination

We recognise that good management includes all environmental matters and we shall endeavour to protect the environment. Prevention of pollution to air, water and land are part of all decisions, policies and practices within Immark. Immark shall endeavour to work towards the following objectives:

1. Manage our operations with diligence and with the awareness that our goal is to protect the environment and prevent pollution, by employing the best control mechanisms, procedures and processes which are proven technologically sound and economically feasible.
2. Comply with relevant environmental legislation and corporate guidelines and provide self-monitoring to ensure compliance.
3. Publish the Environmental Policy internally, by communication to all employees and posting the document on notice boards, and externally to all interested parties on request.
4. Train our employees to achieve continual improvement in environmental performance; the starting point is to comply fully with the requirements of ISO 14001: 2004
5. Focus on the primary environmental concerns: - the management of waste and energy efficiency in offices and management of environmental issues on site projects and special projects.
6. Foster openness, dialogue, enhanced communication and discussion with employees, customers, suppliers, persons working on behalf of the company and all interested parties regarding our environmental performance and our environmental objectives and targets.
7. Measure environmental performance by conducting regular environmental audits and assessments of compliance with the Environmental Policy, relevant environmental legislation and the requirements of the company.
8. To promote the theory of Environmental awareness to all contractors and to provide them with sufficient information to effectively comply with Immark's Management System.
9. To work with local authorities and Co Councils in an aim to divert more waste away from Landfill.

This policy statement shall be used as a framework for setting and achieving these objectives.

Signed: _____ Date: 29/04/2008

Brendan Keane
Managing Director

16 Appendix2 Environmental Monitoring Reports

REPORT 28174

ENVIRONMENTAL NOISE SURVEY

TECHREC IRELAND LIMITED

UNIT 51, PARK WEST INDUSTRIAL ESTATE

February 2008

♦ANV Technology, Clonroad, Ennis, Co. Clare ♦
♦ Tel 065 6868638 ♦ Fax 065 6823490 ♦ www.anvtech.com ♦

Environmental Noise Survey
Techrec Ireland Limited, Unit 51, Park West Industrial Estate
February 2008

SUMMARY

An environmental noise survey was commissioned by Techrec Ireland Limited, Unit 51, Park West Industrial Estate, to monitor compliance with the noise limits assigned in Waste License Reg No. W0233-01 from the Environmental Protection Agency.

The licence assigns a noise limit of 55dB(A) by day and 45dB(A) by night at the nearest noise sensitive location ($L_{eq,30minutes}$). In addition, there shall be no clearly audible tonal or impulsive noise component in the noise emission from the activity at any noise sensitive location.

The daytime measured specific noise levels attributable to Techrec at the boundaries and the nearest noise sensitive locations are summarised in Table S1 and illustrated in Figure S1. As there are no night time noise emissions, a night time environmental survey was not necessary.

The daytime noise limit was complied with at noise sensitive locations.

There was no clearly audible or measurable tonal or impulsive noise component in the noise emission from the activity at any noise sensitive locations.

Report Originator: Kevin Downes B.Sc.
Reviewer: Bridget Ginnity M.Sc. MIOA MICI MFOH
Report issued: 12/06/2009

Techrec Ireland Limited		Mean Specific Noise Level dB(A) Daytime
Location	**Description**	
1	At the entrance to the facility, at the footpath. Measurements at this position provide an estimate of noise radiated out through the doors of the facility.	60
2	At the rear of the facility, on grass verge at roadside. Measurements at this position provide an estimate of noise radiated out through the building cladding.	<59
3	At the cottages on Killeen Road, approximately 160m to the southwest of the facility. These cottages are the nearest noise sensitive locations.	<<59 <40, calculated
4	At the northern boundary of the industrial estate, at approximately 200m from the facility. This location was beside the train track. There are houses 45m to the north of this measurement position, at Clover Hill Road. Measurements at this position are representative of the noise exposure of these houses.	<<50 <40, calculated

Table S.1. Specific Noise Levels, Techrec Ireland Limited, 27th February 2008

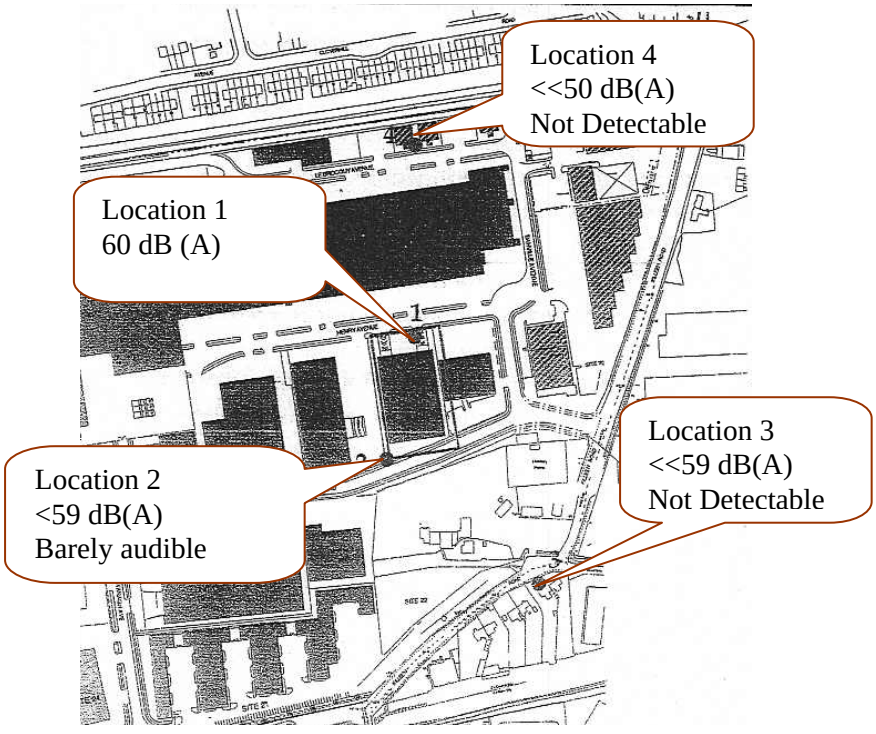


Figure S.1. Measurement locations and daytime specific noise levels, Techrec February 2008

Environmental Noise Survey
Techrec Ireland Limited, Unit 51, Park West Industrial Estate
February 2008

CONTENTS

TABLES & FIGURES

Environmental Noise Survey
Techrec Ireland Limited, Unit 51, Park West Industrial Estate
February 2008

1 INTRODUCTION

An environmental noise survey was commissioned by Techrec Ireland Limited, Unit 51, Park West Industrial Estate, to monitor compliance with the noise limits assigned in Waste Licence Register No. W0233-01 by the Environmental Protection Agency (EPA).

The licence assigns a noise limit of 55dB(A) by day and 45dB(A) by night at the boundary. ($L_{eq,30minutes}$) at the nearest noise sensitive locations. In addition, there shall be no clearly audible tonal or impulsive noise component in the noise emission from the activity at any noise sensitive location.

The survey consisted of measurement of noise levels at plant boundary and nearest noise sensitive locations by day. As there are no nighttime noise emissions, a nighttime survey is not warranted.

The survey was carried out on the 27/02/2008.

2 MEASUREMENT DETAILS

2.1 METHODOLOGY

The survey methodology followed the Environmental Protection Agency (EPA) "Environmental Noise Survey Guidance Document" (2003), EPA "Guidance Note for Noise in Relation to Scheduled Activities" (2006), and ISO 1996 "Description and measurement of environmental noise".

The measurement duration at each location was 30 minutes. A summary of noise terminology is given in Appendix A.

Noise measurements and reporting were performed by Kevin Downes B.Sc. and reviewed by Bridget Ginnity M.Sc. MIOA MICI MFOH of ANV Technology Ltd.

2.2 MEASUREMENT LOCATIONS

Noise measurements were made at 2 boundary locations and 2 noise sensitive locations. These are described in Table 1 and indicated in Figure 1.

Location	Label	Description
Boundary Positions	Loc 1	Entrance to facility, at the footpath.
	Loc 2	Rear of the facility, on grass verge.
Noise Sensitive locations	Loc 3	Cottages on Killeen Rd, approx 160m from Techrec.
	Loc 4	Northern boundary of Industrial Estate, approx 200m from the facility, beside train tracks.

Table 1. Noise measurement locations.

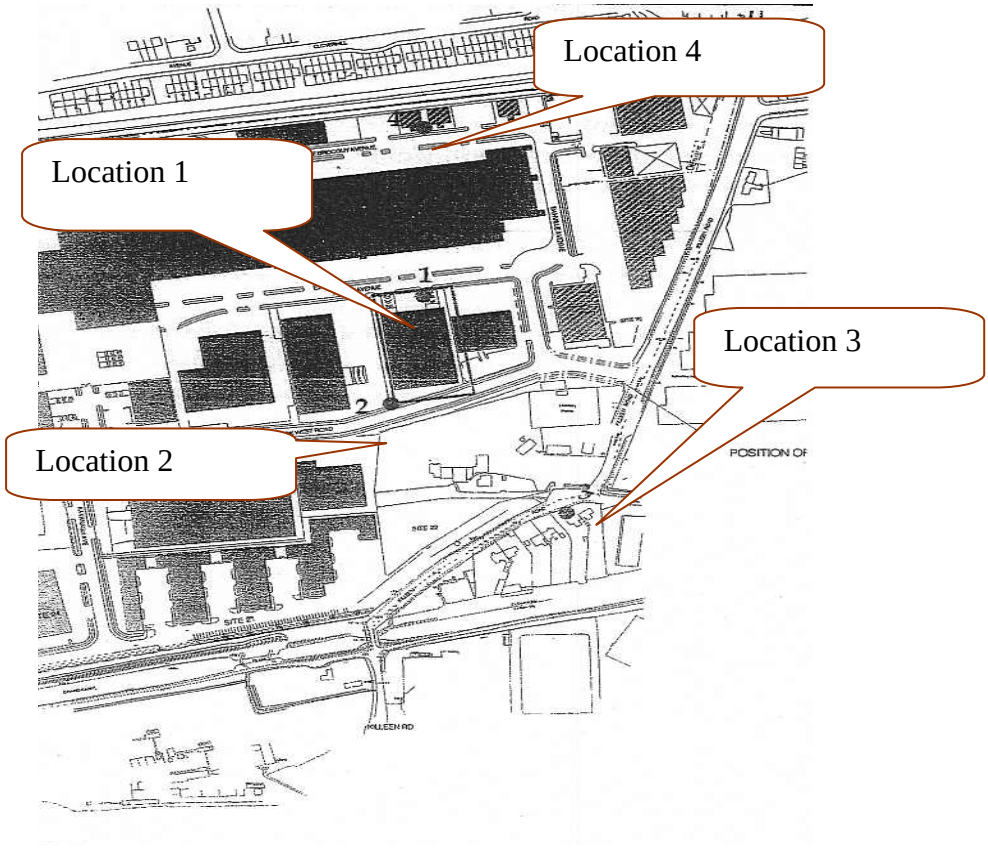


Figure 1. Noise measurement locations.

2.3 MEASUREMENT AND ASSESSMENT PARAMETERS

At each measurement location, the 30-minute average noise level was measured ($L_{Aeq,30mins}$), along with the statistical parameters: $L_{A90,}$ L_{A50}, and L_{A10}. These parameters are defined in the Appendix.

The limits in the Waste licence refer to the noise emitted from the licensed activity. This component of the noise is termed the "specific noise". The measured total noise level includes the specific noise, and also noise from other sources, such as traffic. The other noise sources are termed the "residual noise".

Total Noise = Residual Noise + Specific Noise

$$L_{Aeq}\text{ (total)} = L_{Aeq}\text{(residual)} + L_{Aeq}\text{ (specific)}$$

During the survey, the specific noise levels due to noise emissions from Techrec were established, based primarily on the noise level statistics. This was supplemented, when necessary, by examination of the noise profile (noise levels logged at 10 second intervals). The method of determining the specific noise level is summarised in Table 2.

Description of Noise	**Noise parameter best representing specific noise from plant**
Plant noise dominant, no other significant noise sources	L_{Aeq}
Intermittent interfering noise (e.g. traffic, birds, wind), with underlying plant noise audible	$L_{A50,}$ if plant clearly audible, with occasional interference from other noise sources *or* $L_{A90,}$ if plant clearly audible in lulls
Plant barely audible (i.e. not immediately noticeable, unless actively listening)	$< L_{A90}$ (up to 5 dB lower)
Plant not audible	$<<L_{A90}$ (more than 5 dB lower than L_{A90})
The plant specific noise is established during the survey by correlating the live sound level meter readings with the audible sounds, as described above. The plant specific noise is verified, where necessary, by examining the profile of logged noise levels.	

Table 2. Methodology for determination of plant specific noise

2.4 MEASUREMENT DETAILS AND CONDITIONS

The survey condition and instrumentation used are detailed in Table 3. The sound level meter calibration was checked before and after measurement

Survey Conditions				
Survey period	Daytime	27th February 2008		
Weather conditions	Daytime	Light north easterly breeze, with no rain. Temp 8.0 °C. Humidity 56%.		
Measurement period	30 minutes at each location.			
Plant Operating Conditions	Techrec operates on a daytime basis, and noise emissions are steady throughout the day. There are no noise emissions at nighttime.			
Survey Personnel	Kevin Downes of ANV Technology			
Instrumentation Details				
Manufacturer	**Instrument**	**Calibrated by**	**Calibration reference**	**Last Laboratory Calibration**
Svantek	SLM 947 (Type 1) serial no. 5283	AV Calibration	0611502	13/11/06
Brüel & Kjær	Calibrator 4231 serial no. 1859044	AV Calibration	0611490	7/11/06
In accordance with EPA guidance, sound measurement instrumentation is calibrated at a certified laboratory every two years. Laboratory calibrations for the ANV Technology instrument stock is staggered, so that at any time there is always one instrument which is no more than one year from primary laboratory calibration. Regular comparison calibrations are carried out in-house between instruments to verify that there is no drift in calibration.				

Table 3. Survey Conditions and instrumentation details.

3 RESULTS

3.1 NOISE LEVELS AT HOUSES AND BOUNDARIES

The mean specific noise levels measured at houses and plant boundaries are summarised in Table 4. Detailed measurement results are presented in Table 5.

Techrec was not audible at the noise sensitive locations. Extrapolating from the measured levels at the boundaries, it is estimated that the specific noise level at the nearest noise sensitive locations is less than 40dB.

Location		Mean Specific Noise Level dB(A) [1]
Label	**Description**	**Daytime**
Location 1	Entrance to facility, at the footpath.	60
Location 2	Rear of the facility, on grass verge.	<59
Location 3	Cottages on Killeen Rd, approx 160m from Techrec.	<<59 <40, calculated
Location 4	Northern boundary of Industrial Estate, approx 200m from the facility, beside train tracks.	<<50 <40, calculated

Table 4. Mean Specific Noise Levels, Techrec Ireland Limited, February 2008
[1] The Specific Noise Level is the noise level attributable to Techrec.

3.2 TONAL AND IMPULSIVE ANALYSIS

Subjectively the noise was broadband in character at all residential locations. There were no audible tones or impulsive sounds audible from Techrec. The 1/3 octave analysis of the noise at the houses and boundaries showed no significant peaks.

Measured noise spectra (daytime) at site boundaries and at house locations are shown in Appendix B.

Label	Time[1]	Measured Noise Level dB(A)					Comments
		L_{Aeq}	L_{A90}	L_{A50}	L_{A10}	Specific	
Location 1	8.51	65	57	61	68	**57**	Noise from Techrec, through main door into facility, beeping, hammering can be heard from facility, occasional forklift, passing traffic, noise from nearby plant.
	11.32	70	62	66	72	**62**	Frequent forklift activity outside facility. Noise from activity in facility
Location 2	9.23	66	60	65	69	**<60**	Traffic, noise from adjacent plant, Techrec barely audible.
	12.04	66	59	65	69	**<59**	Same as previous
Location 3	10.31	68	61	66	71	**<<61**	Techrec not audible, Traffic, noise from adjacent building, helicopter flying over
	12.36	67	59	65	71	**<<59**	Techrec not audible, Traffic, noise from adjacent building.
Location 4	11.01	59	52	54	61	**<<52**	Techrec not audible, distant traffic, trains passing occasionally, nearby factory noise.
	13.06	62	50	53	64	**<<50**	Same as previous

Table 5. Measured noise levels, Techrec, daytime, 27th February 2008

[1] Minimum measurement period, 30minutes, unless otherwise specified

4 COMPLIANCE WITH IPPC LICENCE NOISE LIMITS

Daytime
The daytime noise limit was complied with at all noise sensitive locations. The specific noise was calculated to be below 40 dB(A) at the nearest noise sensitive locations.

Tonality/Impulsiveness
There was no clearly audible tonal or impulsive component in the noise emissions from Techrec at the noise sensitive location.

5 COMPARISON WITH PREVIOUS SURVEYS

An environmental noise survey was previously undertaken at Techrec in October 2007 (ANV Technology Report 27282). The results of both surveys are compared in Table 6. The comparison is confined to daytime specific noise levels.

The measured noise levels on both occasions were consistent. Changes of a few dB can be expected from survey to survey, due to differing wind and atmospheric propagation conditions, measurement precision, and variations in plant production conditions.

Location			Oct. 2007 Report 28282	Feb 2008 Report 28174
Type	**Label**	**Description**		
Boundary Positions	Loc 1	Entrance to facility	59	60
	Loc 2	Rear of the facility	<<60	<59
Noise Sensitive locations	Loc 3	Cottages on Killeen Rd	<<60	<<59
	Loc 4	Northern boundary of Industrial Estate	<<50	<<50

Table 6. Comparison of specific noise levels, Oct 2007 and Feb 2008

APPENDIX A - TERMINOLOGY

dB(A) a logarithmic noise scale, called the decibel. The "A" indicates that a frequency weighting has been applied to take account of the variation in the sensitivity of the human ear as a function of frequency.

L_{Aeq} the average noise level during the measurement period. It includes all noise events. The L_{Aeq} value has been found to correlate well with human tolerance of noise, and is the value normally used in setting and monitoring industrial noise limits.

L_{A90} the noise level exceeded for 90% of the time. It is generally taken as being representative of the steady background noise at a location. It tends to exclude short events such as cars passing, dogs barking, aircraft flyovers etc., and provides a good estimation of steady plant noise, when there is significant interference from other noise sources

L_{A50} the noise level exceeded for 50% of the time. This statistical parameter provides a good estimation of plant noise, when there is occasional intermittent interference from other noise sources

L_{A10} the noise level exceeded for 10% of the time, and is a measure of the higher noise levels present in the ambient noise

L_{AS}, L_{AF} the live displayed noise level, updated at 1 second intervals, measured with the instrument's response time set to standardised "Slow" or "Fast" response. The live meter reading provides survey personnel with corroborative data for determining the noise level due to a specific audible sound source

Total Noise the overall noise level (L_{Aeq}), due to all noise noises (also termed ambient noise)

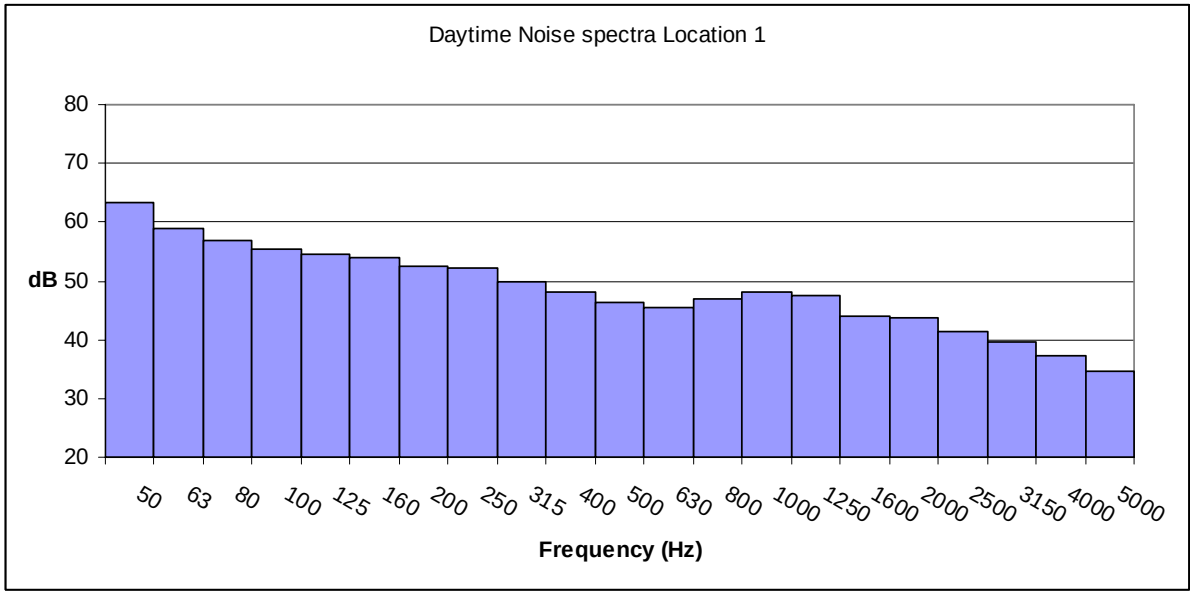
Specific Noise a component of the total noise that can be quantified and attributed to a specific source.

Residual Noise the noise level that would exist in the absence of the specific noise source

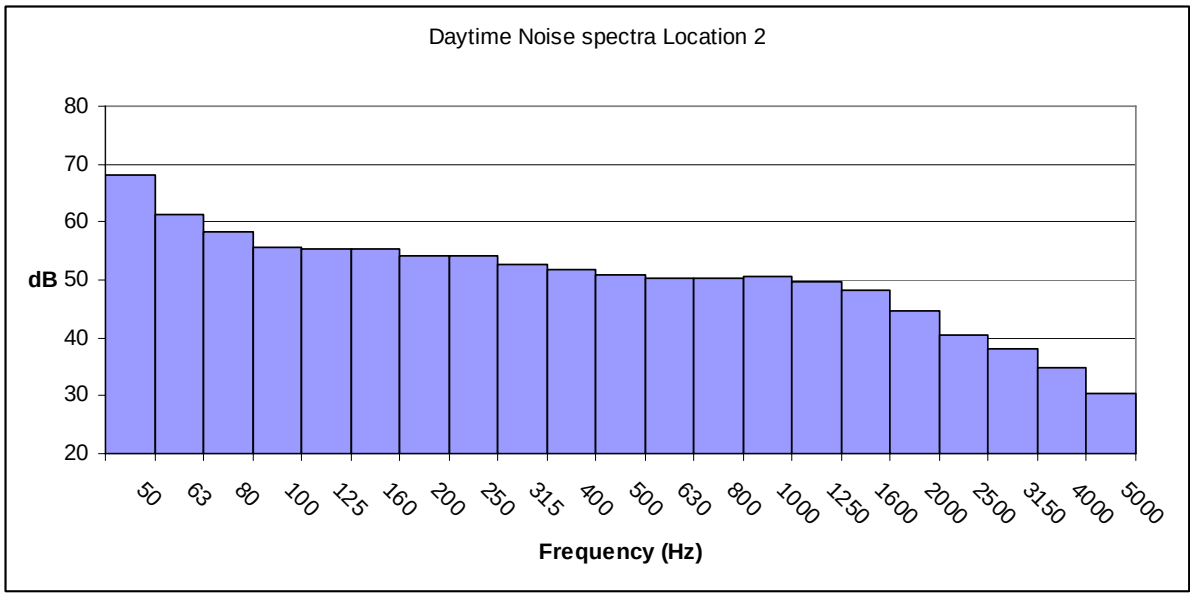
Noise Profile noise level logged at short intervals (10 second intervals in this survey).

APPENDIX B - NIGHT-TIME NOISE SPECTRA

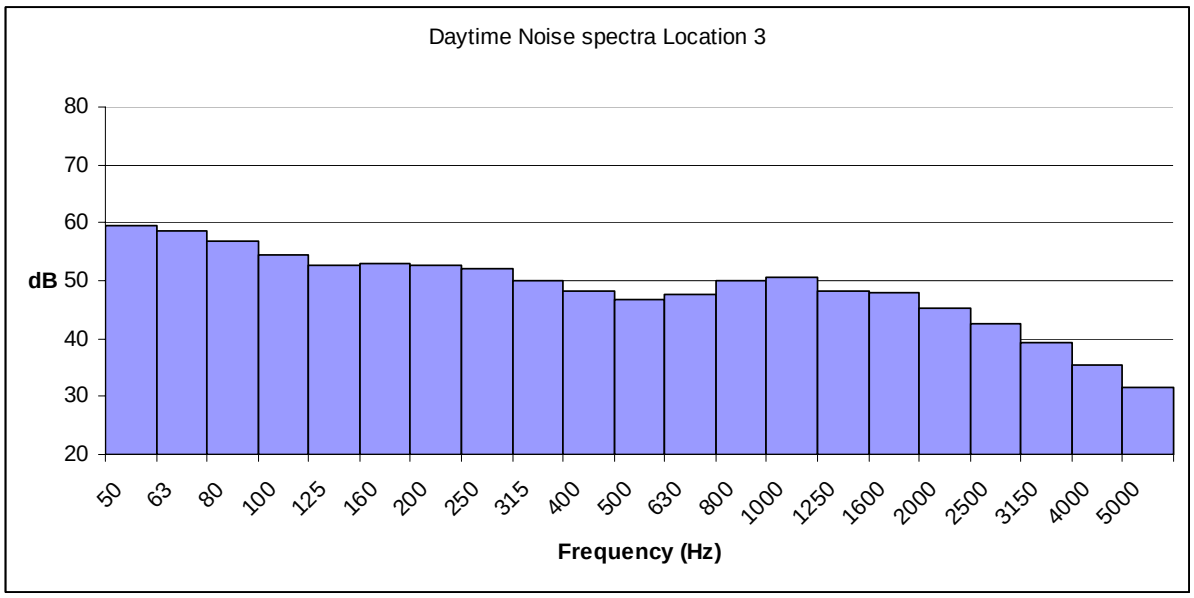
Location 1 (Entrance to facility, at the footpath.**) , Daytime L_{Aeq}**



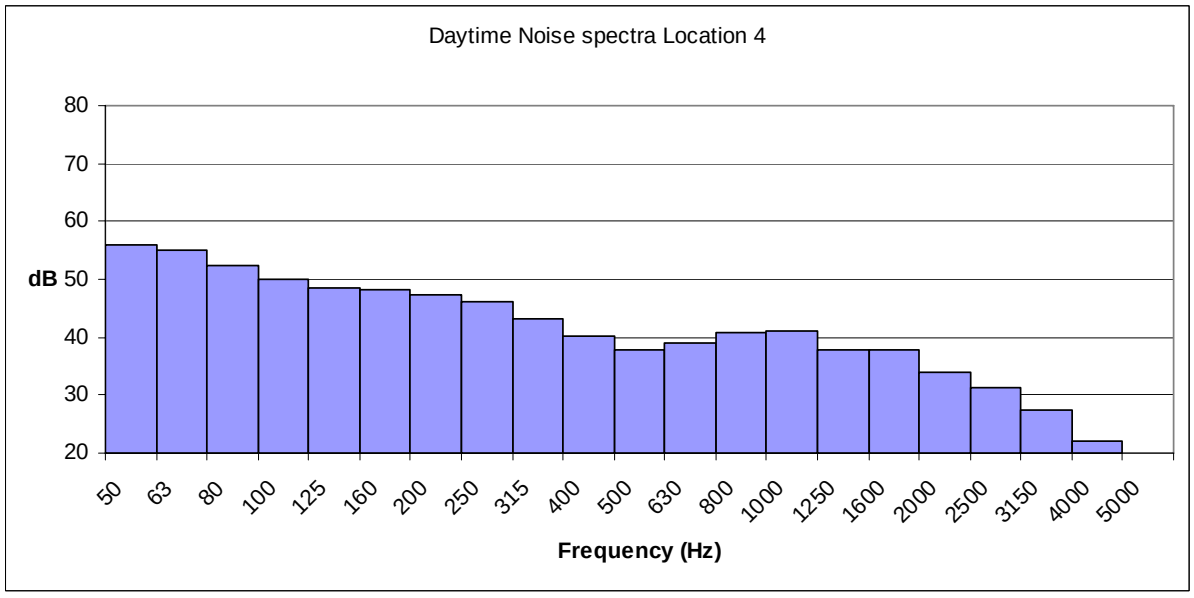
Location 2, (Rear of the facility, on grass verge **) Daytime L_{A90}**



Location 3, (Cottages on Killeen Rd, approx 160m from Techrec.**) Daytime L_{A90}**



Location 4, (Northern boundary of Industrial Estate, approx 200m from the facility, beside train tracks) **Daytime L_{A90}**



NOTES

ODOUR monitoring IRELAND

ODOUR & Environmental Engineering Consultants

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www.odourireland.com

AIR STREAM TESTING OF EXHAUST AIR FROM PULSE FILTER LOCATED IN TECHREC IRELAND LTD, UNIT 51, PARK WEST INDUSTRIAL ESTATE, NANGOR RD, DUBLIN 12.

PERFORMED BY ODOUR MONITORING IRELAND ON BEHALF OF TECHREC IRELAND LTD.

PREPARED BY:	Dr. Brian Sheridan
DATE:	20th Jan 2009
REPORT NUMBER:	2009A62(1)
DOCUMENT VERSION:	Document Ver. 001
REVIEWERS:	

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DOCUMENT AMENDMENT RECORD

Client: *TechRec Ireland Ltd.*

Title: Air stream testing of exhaust air from pulse filter located in TechRec Ireland Ltd, Unit 51, Park West Industrial Estate, Nangor Rd, Dublin 12.

.

Project Number: 2009A62(1)			**Document Reference:** Air stream testing of exhaust air from pulse filter located in TechRec Ireland Ltd, Unit 51, Park West Industrial Estate, Nangor Rd, Dublin 12.		
2009A62(1)	Document for review	B.A.S.	JWC	BAS	20/01/2009
Revision	**Purpose/Description**	**Originated**	**Checked**	**Authorised**	**Date**

1. Introduction and scope

1.1 Introduction

Odour Monitoring Ireland were commissioned by TechRec Ireland Ltd to perform emissions testing of one exhaust flue from the WEEE Recycling process located in TechRec Ireland Ltd, Unit 51, Park West Industrial Estate, Nangor Rd, Dublin 12.

The following monitoring standards were utilised to complete the study. These included:

- ISO10780:1994- Stationary source emissions-Measurement of velocity and volume flowrate of gas streams in ducts.
- EN13284-1:2002, Stationary source emissions. Determination of low range mass concentration of dust. Manual gravimetric method.
- EN14385:2004 – Stationary source emission – Determination of total emission of As, Cd, Cr, CO, Cu, Mn, Ni, Pb, Sb, Ti, and V.

In the case of Waste licence W0233-01, only Total Particulates, Chromium and Nickel monitoring was required and compared to emission limit values contained in Schedule B1 of Waste licence W0233-01.

The conclusions of the study included:

1. The total volumetric airflow rate of emission point A1-1 was 10,364 Nm^3/hr.
2. The total gas phase concentration of Total Particulates was less than 1.20 mg/Nm^3
3. The total gas and particulates phase concentration of Chromium and Nickel was less than 0.0012 and 0.0014 mg/Nm^3, respectively.
4. The emissions from the exhaust stack of A1-1 are in compliance with the emission limit values contained in Schedule B1 of Waste licence W00233-01.

1.2 Scope of the work

The main aims of the study included:

- Assessment of airflow rate, temperature and volumetric airflow rate of the exhaust air from emission point A1-1.
- Assessment of the concentrations of Total particulates in the exhaust air from emission point A1-1.
- Assessment of the concentrations of gaseous and particulate based Chromium and Nickel concentrations in the exhaust air from emission point A1-1.

All monitoring was carried out on the 03rd December 2008. Results obtained are representative of emissions on this day.

2. Materials and methods

This section describes the materials and methods used throughout the survey.

The following standards were used for reference and adhered to where possible:

- ISO10780:1994- Stationary source emissions-Measurement of velocity and volume flowrate of gas streams in ducts.
- EN13284-1:2002, Stationary source emissions. Determination of low range mass concentration of dust. Manual gravimetric method.
- EN14385:2004 – Stationary source emission – Determination of total emission of As, Cd, Cr, CO, Cu, Mn, Ni, Pb, Sb, Ti, and V.

2.1 Sample locations and identity

Table 2.1 illustrates the sample port identity and location description within the Recycling and recovery building.

Table 2.1. Sample port identity and location within Recycling and recovery facility building.

SAMPLE PORT		LOCATION
A1-1	Exhaust stack from jet pulse filter	Southern end of building

2.2 Airflow rate measurement of emission point A1-1

Airflow rate measurement was performed in accordance with ISO10780:1994-Stationary source emissions-Measurement of velocity and volume flowrate of gas streams in ducts where possible. The following equipment was used through the airflow rate assessment. These included:

- Testo 400 and 350/454 MXL handheld and differential pressure sensors,
- L type pitot probe,
- PT100 temperature probe,

The following control procedure was used through the measurement sequence:

1. Measurement was performed at two traverses
2. The internal diameter of the ductwork was measured and verified,
3. Approximately 3 to 5 duct diameters were available between the measurement point and the outlet of the dust filter,
4. The temperature profile across the stack was verified and did not differ by more than 5% from the average absolute temperature of the duct cross section,
5. Eight individual samples points excluding the duct centre point was used to determine the average flow at specified locations across the duct diameter. No sample point was located within 20 mm of the duct wall.
6. The difference in the average airflow velocity across each diameter did not exceed 5% of the mean for single diameter.
7. The number of sample points across the 2 diameters was determined in accordance with Table 7.1.4 of ISO10780:1994. The sample locations were marked upon the L type pitot using a water resistant marker.
8. The L type pitot was checked for any burrs and obstructions in the pitot orifices,
9. The absence of swirling flow was determined in accordance with Section 7.2 and Annex C-ISO10780:1994.
10. The measurement sequence was performed in accordance with the procedure described in Section 7.2-ISO10780:1994.

The airflow rate measurement was used to ascertain the volumetric airflow from the pulse filter and allow for the selection of the most appropriate nozzle size to allow the commencement of Isokinetic sampling. Temperature was measured using a PT 100 temperature probe.

2.3 Particulate and metals sampling and analysis of emission point A1-1

Samples of the gas stream were extracted through a probe and filter holder arrangement containing a pre-conditioned and pre-weighed quartz fibre filter and nitric acid hydrogen peroxide solution using a TCR automated iso-kinetic sampling train. The liquid sorption solution was placed into three impingers while three impingers were left blank. Sampling was performed in accordance with BS EN13284-1:2002 and EN14385:2004 where possible. Emissions were measured over approximately 30 to 45 - minute period in duplicate.

Upon completion of sampling, the particulate filters were placed in its original container and sealed while the absorption solution was placed in clean PE storage bottle (including rinse). All sampled were labelled and logged onto a laboratory submission sheet. All filters and solution were sent to a UKAS accredited laboratory for gravimetric analysis, digestion and analysis via ICP - AES. Results are presented in mg Nm^{-3} at standard temperature of 273.15K and standard pressure of 101.3 kPa without correction for moisture content.

2.3.1 Total Particulate matter and Metals sampling methodology

2.3.1.1 Job preparation

A pre-site survey must first be taken to obtain the following information. Client details (name and address), description of stack to include name and location), sample platform/access, Hazards, Power supply and location, additional PPE required.

The Iso stack TCR Tecora automatic isokinetic particulates measurement equipment is fully inspected prior to use and its calibration stats observed. This includes:

Pitot tube-All pitot tubes are checked for damage/burrs, paying particular attention to the inlet holes. All dirt and blockages are removed.

Micro manometer-Digital differential pressure metres that are used are capable of measuring in the range of 0 Pa to 2250 Pa with a sensitivity of ±1 Pa. The instrument is checked for physical damage, battery life test and calibration status observed.

Nozzles-All nozzles used have been constructed in accordance with EN13284-1 and ISO 9096:2003. Each nozzle is physical checked for damage and removed if necessary. The nozzle calibration status is observed.

Flow metre-The flow metre is checked for blockages and obvious physical damage. Its calibration status is also observed.

Rope kit-All lifting tackle are physical checked for cuts and contamination.

Laboratory-The gravimetric testing house selected is UKAS accredited for the particular test method.

2.3.1.2 Filter selection and preparation

Stack conditions can vary for temperature, moisture, acidity, low and heavy particulate loading. Following the pre-site survey, the stack condition should be known and the appropriate filter can be selected and prepared as described below.

Filter mediums-glass wool, quartz wool, Low ash PVC membranes and a range of thimbles can be used depending on stack characteristics. Quartz filters were used in this instance as glass fibre filters can react to SO_3 and lead to overweight measurement.

Filters were prepared in accordance with the requirements of EN14385:2004.

2.3.2 Sampling location

2.3.2.1 Suitability of sampling location

Before sampling can commence, a preliminary velocity and temperature survey must be undertaken along the two sampling lines at eight equally concentric spaced areas in the stack. This is performed in accordance with ISO10780:1994 where possible. The procedures as set out in *Section 2.1* were followed. The stack diameter is measured using a steel rod. The angle of gas flow must be less than 15^0 with regard to duct axis. There should be no local negative flow. The minimum velocity should be larger than 5 Pa for Pitot tube measurement. Sampling is undertaken from four sampling points on each plane. Sampling points shall be located either more than 3% of the sampling line length or more than 5 cm whichever is the greater value from the inner wall. If the ratio of the highest to the lowest dynamic pressure exceeds 9:1 of the ratio of the highest to lowest gas velocity exceeds 3:1, another sampling plane should be used. Sampling is undertaken from either four sampling points on each plane. Temperature is also measured at nine equally spaced points along the sampling line and average temperature calculated during the initial survey. Should the temperature at any of the sampling points differ by more that ±10% from that of the average, then that point must not be used.

The required number of sampling points can now be calculated using the following:

- 8 point sampling, circular stacks 0.067 X D, 0.25 X D, 0.75 X D, 0.933 X D.

2.3.2.2 Leak checks

A leak check is undertaken before and after the isokinetic sampling is carried out. This is to make sure that all intake volume is through the sampling nozzle.

2.3.2.3 Sampling

Once the isokinetic sampling flow rates have been calculated, the probe is inserted into the stack at 90^0 to the stack gas flow, as not to impinge any particulate matter on to the filter media prior to sampling. The filter head is allowed to attain stack temperature. The pump is started and the nozzle is turned into the flow and the timing device is started (automatic on TCR Tecora kit).

2.3.2.4 Duration of sampling

Duration of sampling time depends on:

- Ensuring adequate quantities of particulate matter on the filter for weighing (> 0.3% of the filter weight),
- Whether cumulative or incremental sampling is undertaken,
- The number of sampling points,

- The continuity of the plant operation.

The final filter weight was greater than0.30% of the initial filter weight.

2.3.2.5 Cumulative sampling

After the first sample is taken from the first sampling location, the probe is moved to the next position and the values recorded. This should be performed until all sampling points have been used. Sampling is continued till all locations are sampled.

2.3.2.6 Repeat Velocity and temperature readings.

Since the TCR Tecora is an automatic system, continuous velocity and temperature readings are carried out using the instrument. All data is stored upon the on board computer and recorded following the sampling event. The % DI (deviation) is also computed and recorded continuously.

2.3.2.7 Weighing and analysis of the sample

When finished, the sample filter is placed in its container and all particulate from the filter head is added to the particulate matter on the filter (i.e. filter wash).

The sorption solution is removed from the impinger train and placed in sealed PE storage bottles for analysis.

Analysis of the filters, wash and sorption solution were carried out in accordance with EN13284-1 and EN14385.

3. Results and discussion

This section will present and discuss the results obtained throughout the study period.

3.1 Airflow rate measurement results

Table 3.1 illustrates the result of volumetric airflow rate monitoring at location A1-1.

Table 3.1. Volumetric airflow rate and temperature measurement results at location A1-1.

Monitoring location	Volumetric air flow rate (Nm^3/hr)	Temperature (K)
A1-1	10,364	303

The average volumetric airflow rate at the exhaust stack was 10,364 Nm^3/hr. The temperature of the exhaust airstream was on average 303K.

3.2 Total Particulates and Metals measurement results

Table 3.2 illustrates the results of Total Particulates and Metals (Cr and Ni).

Table 3.2. Total Particulates and Metals (Cr and Ni) concentration measurement results at location A1-1.

Parameter identity	Air phase conc. (mg/Nm^3)[1]	Emission limit value – Waste licence W00233-01 (mgC/Nm^3)
Average Total Particulates	1.20	<50
Average Total Chromium (Gaseous and Particulate based metals)	0.0012	<1.0
Average Total Nickel (Gaseous and Particulate based metals)	0.0014	<5.0

Notes: [1] denotes that a DI% of 4% and 3% was recorded over the sampling period. This is in compliance with the requirements of EN13284-1:2002.

As can be observed in *Table 3.2*, the air phase concentration of Total Particulates was 1.20 mg/Nm^3. Gaseous and Particulate based Chromium and Nickel were 0.0012 and 0.0014 mg/Nm^3, respectively.

4. Conclusions

The following conclusions were drawn from the study:

1. Emission monitoring was performed on emission point A1-1 in accordance with the reference standards ISO10780:1994, EN13284-1:2002 and EN14385:2004.
2. The total volumetric airflow rate of emission point A1-1 was 10,364 Nm^3/hr.
3. The total gas phase concentration of Total Particulates was less than 1.20 mg/Nm^3
4. The total gas and particulates phase concentration of Chromium and Nickel was less than 0.0012 and 0.0014 mg/Nm^3, respectively.
5. The emissions from the exhaust stack of A1-1 are in compliance with the emission limit values contained in Schedule B1 of Waste licence W00233-01.

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Liam O'Shea
Techrec Ireland Ltd
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Dublin 12

Dear Liam

Waste Licence WO233-01: Quarterly Storm Water Monitoring

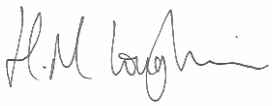
In accordance with the requirements of Schedule C2.3 of Waste Licence WO233-01, annual storm water monitoring was carried out at Techrec on 24th January 2008. Samples were taken from SW1 and SW5.

The analysis of the samples was carried out by Euro Environmental Services. Certificates of Analysis are included in Appendix 1.

The analysis results confirm that there are no emissions to water of environmental significance.

Quarterly storm water monitoring will be due again in April 2008.

Yours sincerely



Heather Loughlin
Principal Consultant

Appendix 1: Certificates of Analysis (2 pages)

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Customer	Heather Loughlin Fraoch Crohane Killenaule Thurles Co Tipperary	*Lab Report Ref. No.*	1115/002/01
		Date of Receipt	24/01/2008
		Date Testing Commenced	24/01/2008
		Received or Collected	Courier: Interlink
		Condition on Receipt	Acceptable
Customer PO		*Date of Report*	31/01/2008
Customer Ref	SW1 Techrec (RHS)	*Sample Type*	Water

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
COD	107	Colorimetry	7	mg/L	INAB
Mineral Oil	158	GC-FID	<1	ug/L	
Solids (Total Suspended)	106	Filtration/ Drying @ 104	<3	mg/L	

Signed : Donna Heslin ***Date :*** 31/01/08

Donna Heslin - Laboratory Manager

Acc. : Accredited Parameters by ISO 17025:2005

All organic results are analysed as received and all results are corrected for dry weight at 104 C

Results contained in this report relate only to the samples tested

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Customer	Heather Loughlin Fraoch Crohane Killenaule Thurles Co Tipperary	*Lab Report Ref. No.*	1115/002/02
		Date of Receipt	24/01/2008
		Date Testing Commenced	24/01/2008
		Received or Collected	Courier: Interlink
		Condition on Receipt	Acceptable
Customer PO		*Date of Report*	31/01/2008
Customer Ref	SW5 Techrec (LHS)	*Sample Type*	Water

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
COD	107	Colorimetry	6	mg/L	INAB
Mineral Oil	158	GC-FID	<1	ug/L	
Solids (Total Suspended)	106	Filtration/ Drying @ 104	7	mg/L	

Signed : Donna Heslin ***Date :*** 31/01/08

Donna Heslin - Laboratory Manager

Acc. : Accredited Parameters by ISO 17025:2005

All organic results are analysed as received and all results are corrected for dry weight at 104 C

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Liam O'Shea
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Unit 51
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Dear Liam

Waste Licence WO233-01: Quarterly Storm Water Monitoring

In accordance with the requirements of Schedule C2.3 of Waste Licence WO233-01, annual storm water monitoring was carried out at Techrec on 26th June 2008. Samples were taken from SW1 and SW5.

The analysis of the samples was carried out by Euro Environmental Services. Certificates of Analysis are included in Appendix 1.

The analysis results confirm that there are no emissions to water of environmental significance.

Quarterly storm water monitoring will be due again in September 2008.

Yours sincerely

H.M Loughlin

Heather Loughlin
Principal Consultant

Appendix 1: Certificates of Analysis (2 pages)

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Customer	Heather Loughlin Fraoch Crohane Killenaule Thurles Co Tipperary	*Lab Report Ref. No.*	1115/003/01
		Date of Receipt	27/06/2008
		Date Testing Commenced	27/06/2008
		Received or Collected	Delivered by Customer
		Condition on Receipt	Acceptable
Customer PO		*Date of Report*	07/07/2008
Customer Ref	Techrec SW1	*Sample Type*	Surface Water

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
COD	107	Colorimetry	35	mg/L	
Mineral Oil	158	GC-FID	<1	ug/L	
Solids (Total Suspended)	106	Filtration/ Drying @ 104C	<3	mg/L	

Signed : Donna Heslin

Donna Heslin - Laboratory Manager

Date : 07/07/08

Acc. : Accredited Parameters by ISO 17025:2005

All organic results are analysed as received and all results are corrected for dry weight at 104 C

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		Date of Receipt	27/06/2008
		Date Testing Commenced	27/06/2008
		Received or Collected	Delivered by Customer
		Condition on Receipt	Acceptable
Customer PO		*Date of Report*	07/07/2008
Customer Ref	Techrec SW5	*Sample Type*	Water

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
COD	107	Colorimetry	7	mg/L	
Mineral Oil	158	GC-FID	<1	ug/L	
Solids (Total Suspended)	106	Filtration/ Drying @ 104C	<3	mg/L	

Signed : Donna Heslin ***Date :*** 07/07/08

Donna Heslin - Laboratory Manager

Acc. : Accredited Parameters by ISO 17025:2005

All organic results are analysed as received and all results are corrected for dry weight at 104 C

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Eugene O'Brien
Operations Supervisor
Immark Ltd
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Dear Eugene

Waste Licence WO233-01: Quarterly Storm Water Monitoring, October 2008

In accordance with the requirements of Schedule C2.3 of Waste Licence WO233-01, annual storm water monitoring was carried out at Techrec on 16th October 2008. Samples were taken from SW1 and SW5.

The analysis of the samples was carried out by Euro Environmental Services. Certificates of Analysis are included in Appendix 1.

The analysis results confirm that there are no emissions to water of environmental significance.

Annual storm water monitoring will be due in December 2008.

Yours sincerely

H.M Loughlin

Heather Loughlin
Principal Consultant

Appendix 1: Certificates of Analysis (2 pages)

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Customer	Claudiu Tomegea Fraoch Unit 51 Park West Industrial Estate Dublin 12 Dublin	*Lab Report Ref. No.*	1115/004/01
		Date of Receipt	16/10/2008
		Date Testing Commenced	16/10/2008
		Received or Collected	Courier: Interlink
		Condition on Receipt	Acceptable
Customer PO	T1346	*Date of Report*	30/10/2008
Customer Ref	SW1 Quarterly	*Sample Type*	Surface Water

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
COD	107	Colorimetry	6	mg/L	UKAS
Mineral Oil by Calculation	189	GC-FID	20.72	ug/L	
Solids (Total Suspended)	106	Filtration/ Drying @ 104C	9	mg/L	

Web Certificate ***Date : 30/10/2008***

Acc. : Accredited Parameters by ISO 17025:2005

All organic results are analysed as received and all results are corrected for dry weight at 104 C

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Customer	Claudiu Tomegea Fraoch Unit 51 Park West Industrial Estate Dublin 12 Dublin	*Lab Report Ref. No.*	1115/004/02
		Date of Receipt	16/10/2008
		Date Testing Commenced	16/10/2008
		Received or Collected	Courier: Interlink
		Condition on Receipt	Acceptable
Customer PO	T1346	*Date of Report*	30/10/2008
Customer Ref	SW5 Quarterly	*Sample Type*	Surface Water

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
COD	107	Colorimetry	<5	mg/L	
Mineral Oil by Calculation	189	GC-FID	23.68	ug/L	
Solids (Total Suspended)	106	Filtration/ Drying @ 104C	8	mg/L	

Web Certificate ***Date : 30/10/2008***

Acc. : Accredited Parameters by ISO 17025:2005

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Dear Eugene

Waste Licence WO233-01: Annual Storm Water Monitoring, December 2008

In accordance with the requirements of Schedule C2.3 of Waste Licence WO233-01, annual storm water monitoring was carried out at Techrec on 9th December 2008. Samples were taken from SW1 and SW5.

The analysis of the samples was carried out by Euro Environmental Services. Certificates of Analysis are included in Appendix 1.

Generally, the analysis results confirm that there are no emissions to water of environmental significance, with the exception of Mineral Oil levels. Elevated levels of 615.97 ug/l and 260.22 ug/l were present in SW1 and SW5 respectively. Water levels at the time of sampling were low, which may account for this elevation; however it is recommended that repeat monitoring is carried out at the earliest convenience.

Yours sincerely

H.M Loughlin

Heather Loughlin
Principal Consultant

Appendix 1: Certificates of Analysis (2 pages)

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		Date of Receipt	09/12/2008
		Date Testing Commenced	09/12/2008
		Received or Collected	Courier: Interlink
		Condition on Receipt	Acceptable
Customer PO		*Date of Report*	17/12/2008
Customer Ref	Techrec SW1 08/12/08	*Sample Type*	Surface Water

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
Cadmium	177	ICPMS	0.4	ug/L	
Calcium	184	ICPMS	4.62	mg/L	UKAS
Cobalt	177	ICPMS	0.5	ug/L	
COD	107	Colorimetry	7	mg/L	UKAS
Copper	177	ICPMS	1.4	ug/L	
Iron (Total)	177	ICPMS	<3.7	ug/L	
Lead	177	ICPMS	47.8	ug/L	
Magnesium	184	ICPMS	<0.55	mg/L	UKAS
Manganese	177	ICPMS	1.5	ug/L	
Mercury	178	ICPMS	<0.2	ug/L	
Mineral Oil by Calculation	189	GC-FID	615.97	ug/L	
Nickel	177	ICPMS	2.5	ug/L	
SemiVolatile Organic Compounds	155	GC-MS 2	<1	ug/L	
Solids (Total Suspended)	106	Filtration/ Drying @ 104C	5	mg/L	
Tin	177	ICPMS	<2.8	ug/L	
Total Heavy Metals	0	Calculation	55	ug/L	
Volatile Organic Compounds	154	GC-MS 1	<1	ug/L	

Signed : Donna Heslin ***Date :*** 17/12/08

Donna Heslin - Laboratory Manager

Acc. : Accredited Parameters by ISO 17025:2005

All organic results are analysed as received and all results are corrected for dry weight at 104 C

Results contained in this report relate only to the samples tested

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Customer	Heather Loughlin Fraoch Crohane Killenaule Thurles Co Tipperary	*Lab Report Ref. No.*	1115/005/02
		Date of Receipt	09/12/2008
		Date Testing Commenced	09/12/2008
		Received or Collected	Courier: Interlink
		Condition on Receipt	Acceptable
Customer PO		*Date of Report*	17/12/2008
Customer Ref	Techrec SW5 08/12/08	*Sample Type*	Surface Water

CERTIFICATE OF ANALYSIS

Test Parameter	SOP	Analytical Technique	Result	Units	Acc.
Cadmium	177	ICPMS	0.3	ug/L	
Calcium	184	ICPMS	2.42	mg/L	UKAS
Cobalt	177	ICPMS	0.2	ug/L	
COD	107	Colorimetry	9	mg/L	UKAS
Copper	177	ICPMS	<0.2	ug/L	
Iron (Total)	177	ICPMS	<3.7	ug/L	
Lead	177	ICPMS	43.6	ug/L	
Magnesium	184	ICPMS	<0.55	mg/L	UKAS
Manganese	177	ICPMS	<0.7	ug/L	
Mercury	178	ICPMS	<0.2	ug/L	
Mineral Oil by Calculation	189	GC-FID	260.22	ug/L	
Nickel	177	ICPMS	<0.47	ug/L	
SemiVolatile Organic Compounds	155	GC-MS 2	<1	ug/L	
Solids (Total Suspended)	106	Filtration/ Drying @ 104C	8	mg/L	
Tin	177	ICPMS	<2.8	ug/L	
Total Heavy Metals	0	Calculation	45	ug/L	
Volatile Organic Compounds	154	GC-MS 1	<1	ug/L	

Signed : Donna Heslin ***Date :*** 17/12/08

Donna Heslin - Laboratory Manager

Acc. : Accredited Parameters by ISO 17025:2005

All organic results are analysed as received and all results are corrected for dry weight at 104 C

Results contained in this report relate only to the samples tested

17 Appendix 3 WEEE Survey

PART ONE - GENERAL COMPANY INFORMATION

****PLEASE COMPLETE ALL SECTIONS****

1	**Year to which Data Applies:**	**Calendar Year 2008**
2	**Company Name:**	**Immark Ireland Ltd**
3	***Trade Names***	
	Trade Name 1:	**Formerly Techrec Ireland Ltd.**
	Trade Name 2:	
	Trade Name 3:	
4	**Number of sites that your company operates:**	**1**
5	**If your company operates more than one site, please indicate if this is a combined return for all sites or an individual return for one site only:**	PLEASE SELECT
6	***Facility Address(es)***	
	Address 1:	51 Parkwest Businss Park, Nangor Road, Dublin 12
	Address 2:	
	Address 3:	
	Address 4:	
7	**Addresses for correspondence, if different to above:**	
8	**Contact Name:**	Eugene O'Brien
9	**Postion held within company:**	Operations Supervisor
10	**Telephone Number:**	01 40 10 250
11	**Fax Number:**	01 40 10 260
12	**E-mail:**	eugene.obrien@immark.ie

Please enter the name of the person who will answer any queries we might have about the information submitted.

13 **PART A - In 2008, did your facility accept WEEE?**

Select "yes" or "no"	*Instruction*
Yes	Please complete Part B (below)

PART B - Families of WEEEE acccepted

WEEE families	*Select "yes" or "no"*	*Instruction*	*Done?*
Waste Fridges and Freezers	Yes	Complete Sheet 2. Waste Fridges and Freezers	PLEASE SELECT
Waste White Goods	Yes	Complete Sheet 3. Waste White Goods	PLEASE SELECT
Waste TVs & Monitors	Yes	Complete Sheet 4. Waste TVs & Monitors	PLEASE SELECT
Waste Fluorescent Lamps (incl CFLs)	No	no further information required	PLEASE SELECT
Waste Light Fittings (B2B)	No	Cmplete Sheet 6. Waste Light Fittings (B2B)	PLEASE SELECT
Other WEEE	Yes	Complete Sheet 7. Other WEEE	PLEASE SELECT

14 **In 2008, did your facility accept non-WEEE waste?** (e.g. metal packaging, cardboard, plastic packaging)

Select "yes" or "no"	*Instruction*	*Done?*
PLEASE SELECT	Complete Sheet 8 - Non-WEEE Waste	PLEASE SELECT

15 **In 2008, did your facility accept end-of-life vehicles (ELVs) or their components?**

Select "yes" or "no"	*Instruction*	*Done?*
No	continue to next question	PLEASE SELECT

16 **Does your company broker waste?** No

i.e. does your company collect or arrange collection of waste from a customer and send it (i) directly abroad or (ii) to a third-party Irish facility WITHOUT bringing it to one of your own sites first?

17 **If YES, please confirm that details on these wastes are included in this Survey:** PLEASE SELECT

18 **Additional explanatory text, if necessary:**

19 **EPA Waste Licence Number/ Local Authority Waste Permit Number/ Certificate of Registration Numbers** W0233/01

20 **Please provide a brief description of activities carried out onsite, including the types of wastes accepted onsite:** WEEE processing

21 **Additional Information -** Please provide any additional information which may be useful to us in compiling annual statistics on waste recycling or any suggestions on improving this survey

22 **Finally, please confirm that you have read the 'Important Info' sheet:** No, I have not read the 'Important Info' sheet

Waste Fridges and Freezers - waste acceptance, reuse, treatment and disposal

Please report packaging of WEEE on sheet 8 (non-WEEE waste)

Q.1

1.1 Were any **Waste Fridges and Freezers** brokered by your company in 2008 and sent either (i) directly abroad or (ii) to a third-party Irish facility WITHOUT being brought to one of your own sites first?

Select "yes" or "no"
No

if yes, please go to **Q.2**

if no, please go straight to **Q.3**

Q.2

2.1 Please state in tonnes the quantity of **Waste Fridges and Freezers** brokered by your company in 2008. _____ tonnes

2.2 How much of this material was sent directly abroad? _____ tonnes

2.3 How much of this material was sent to a third-party Irish facility? _____ tonnes

2.4 Please state the onward destinations of the **Waste Fridges and Freezers** brokered and sent directly abroad or to third-party Irish facilities.

Destination	*Licence/permit no. of onward destination (if applicable)*	*Quantity of WEEE brokered*	
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
(Add more rows if necessary - Click 'Insert' and then'Rows')			

please go to **Q.3**

Q.3

3.1 Please state in tonnes the quantity of **Waste Fridges and Freezers** accepted at your facility in 2008. 2518 tonnes

3.2 How much of this material was imported from Northern Ireland or other countries? _____ tonnes

3.3 Please state the quantity of **Waste Fridges and Freezers** in storage at **1 January 2008.** _____ tonnes

3.4 Please state the quantity of **Waste Fridges and Freezers** in storage at **31 December 2008.** _____ tonnes

please go to **Q.4**

Q.4

4.1 How did you assess the quantity of **Waste Fridges and Freezers** accepted at your facility in 2008?

Please choose from the drop-down menu	
weighbridge	<give details here>
SELECT	<give details here>
SELECT	<give details here>
<provide further details here if necessary>	

please go to **Q.5**

Q.5

5.1 Were any **Waste Fridges and Freezers** reported on in **Q3** pre-treated **prior** to acceptance at your facility?

Select "yes" or "no"
No

if yes, please go to **Q.6**

if no, please go straight to **Q.7**

Q.6

6.1 Please state the quantity of **Waste Fridges and Freezers** that were pre-treated **prior** to acceptance at your facility. _____ tonnes

8.2 Please describe the way in which **Waste Fridges and Freezers** were pre-treated **prior** to acceptance at your facility.

Pre-treatment prior to acceptance at your facility.	*Quantity of waste material treated in this way (tonnes)*
(Add more rows if necessary - Click 'Insert' and then'Rows')	

please go to **Q.7**

Q.7

7.1 In 2008, were any **Waste Fridges and Freezers** prepared for RE-USE at your facility? (***i.e. equipment that was checked, cleaned or repaired to be used again for the purpose for which the equipment was designed.***)

Select "yes" or "no"
No

if yes, please go to **Q.8**

if no, please go straight to **Q.9**

Q.8

8.1 Please state the quantity of whole appliances prepared for **RE-USE** _____ tonnes

8.2 Please state the onward destination of the whole appliances prepared for RE-USE

Destination	*Licence/permit no. of onward destination (if applicable)*	*Quantity of whole appliances*	
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
(Add more rows if necessary - Click 'Insert' and then'Rows')			

8.3 Please state the quantity of parts or components prepared for **RE-USE** _____ tonnes

8.4 Please state the onward destination of the parts or components prepared for RE-USE

Destination	Licence/permit no. of onward destination (if applicable)	Quantity of parts or components	
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
(Add more rows if necessary - Click 'Insert' and then'Rows')			

please go to **Q.9**

Q.9

9.1 Were any **Waste Fridges and Freezers** transferred onwards **WITHOUT TREATMENT** from your facility?

Select "yes" or "no"
Yes

if yes, please go to **Q.10**

if no, please go straight to **Q.11**

Q.10

10.1 Please state the quantity of **Waste Fridges and Freezers** transferred onwards **WITHOUT TREATMENT** from your facility**.**

2518 tonnes

10.2 Please state the onward destination of the **Waste Fridges and Freezers** transferred onwards **WITHOUT TREATMENT** from your facility.

Destination	Licence/permit no. of onward destination (if applicable)	Quantity of WEEE transferred	
Techrec NI Ltd., Dungannon		2518	tonnes
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
(Add more rows if necessary - Click 'Insert' and then'Rows')			

please go to **Q.11**

Q.11

11.1 Were any **Waste Fridges and Freezers** subjected to **TREATMENT** at your facility?

Select "yes" or "no"
SELECT

if yes, please go to **Q.12**

if no, then you are finished this sheet. Please return to **Sheet 1**.

Q.12

12.1 Please state the quantity of **Waste Fridges and Freezers** subjected to **TREATMENT** at your facility.

tonnes

12.2 Please describe the way in which **Waste Fridges and Freezers** were treated at your facility. If different groups of **Waste Fridges and Freezers** were treated differently, please describe the groups and the treatments applied. Please state the quantities of **Waste Fridges and Freezers** treated in a particular manner.

Treatment methods or techniques used at your facility. Please describe separately for each distinct group of waste equipment.	*Type of waste material treated in this way*	*Quantity of waste material treated in this way (tonnes)*
(Add more rows if necessary - Click 'Insert' and then'Rows')		

please go to **Q.13**

Q.13

13.1 Please state the quantity of waste deriving from **Waste Fridge and Freezer** treatment and dispatched from your facility.

tonnes

13.2 Please provide a description of the type of **Waste Fridge and Freezer** material transferred from your facility; and state the onward destination for further **RECYCLING OR RECOVERY**. ***Please indicate if any material derived from Waste Fridges and Freezers is inseparably mixed with any 'non-WEEE waste removed offsite' reported in Table 2 of Sheet 8.***

*Name of destination facility (including licence/permit reg. no. if Ireland **or** town and country if abroad)*	*Type of material transferred*	*Quantity of WEEE transferred (tonnes)*	*Recovery rate achieved off-site*
(Add more rows if necessary - Click 'Insert' and then'Rows')			

13.3 Please state the onward destination for the **DISPOSAL OF WASTE** derived from **Waste Fridge and Freezer** treatment. ***Please indicate if any material derived from Waste Fridges and Freezers is inseparably mixed with any 'non-WEEE waste removed offsite' reported in Table 2 of Sheet 8.***

*Name of destination facility (including licence/permit reg. no. if Ireland **or** town and country if abroad)*	*Type of material transferred*	*Disposal operation (please select from list)*	*Quantity of WEEE transferred (tonnes)*
		SELECT	
		SELECT	
		SELECT	
		SELECT	
		SELECT	
		SELECT	
(Add more rows if necessary - Click 'Insert' and then'Rows')			

please go to **Q.14**

Q.14

14.1 Please state the quantity of recycled materials deriving from **Waste Fridge and Freezer** treatment and dispatched from your facility. ***RECYCLED materials are ready to be used in a production process for new product.***

tonnes

14.2 Please state the nature and onward destination of **RECYCLED MATERIALS** derived from **Waste Fridge and Freezer** treatment. ***Please indicate if any recycled material derived from Waste Fridges and Freezers is inseparably mixed with any 'non-WEEE waste removed offsite' reported in Table 2 of Sheet 8.***

Description of recycled materials	***Name of destination facility*** *(including town and country if abroad)(If confidential, please state whether in Ireland or abroad)*	***Quantity of material dispatched (tonnes)***	***Recovery rate achieved off-site (if applicable)***
(Add more rows if necessary - Click 'Insert' and then'Rows')			

END OF SHEET - please return to Sheet 1 and insert "yes" into the "Done?" column

Waste White Goods - waste acceptance, reuse, treatment and disposal

Please report packaging of WEEE on sheet 8 (non-WEEE waste)

Q.1

1.1 Were any **Waste White Goods** brokered by your company in 2008 and sent either (i) directly abroad or (ii) to a third-party Irish facility **WITHOUT** being brought to one of your own sites first?

Select "yes" or "no"
No

if yes, please go to **Q.2**

if no, please go straight to **Q.3**

Q.2

2.1 Please state in tonnes the quantity of **Waste White Goods** brokered by your company in 2008. _____ tonnes

2.2 How much of this material was sent directly abroad? _____ tonnes

2.3 How much of this material was sent to a third-party Irish facility? _____ tonnes

2.4 Please state the onward destinations of the **Waste White Goods** brokered and sent directly abroad or to third-party Irish facilities.

Destination	*Licence/permit no. of onward destination (if applicable), or town and country if abroad*	*Quantity of WEEE brokered*	
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
(Add more rows if necessary - Click 'Insert' and then'Rows')			

please go to **Q.3**

Q.3

3.1 Please state in tonnes the quantity of **Waste White Goods** accepted at your facility in 2008. 1974 tonnes

3.2 How much of this material was imported from Northern Ireland or other countries? _____ tonnes

3.3 Please state the quantity of **Waste White Goods** in storage at 1 January 2008. _____ tonnes

3.4 Please state the quantity of **Waste White Goods** in storage at 31 December 2008. _____ tonnes

please go to **Q.4**

Q.4

4.1 How did you assess the quantity of **Waste White Goods** accepted at your facility in 2008?

Please choose from the drop-down menu	
weighbridge	<give details here>
SELECT	<give details here>
SELECT	<give details here>
<provide further details here if necessary>	

please go to **Q.5**

Q.5

5.1 Were any **Waste White Goods** reported on in Q3 pre-treated **prior** to acceptance at your facility?

Select "yes" or "no"
No

if yes, please go to **Q.6**

if no, please go straight to **Q.7**

Q.6

6.1 Please state the quantity of **Waste White Goods** that were pre-treated **prior** to acceptance at your facility. _____ tonnes

8.2 Please describe the way in which **Waste White Goods** were pre-treated **prior** to acceptance at your facility.

Pre-treatment prior to acceptance at your facility.	*Quantity of waste material treated in this way (tonnes)*
(Add more rows if necessary - Click 'Insert' and then'Rows')	

please go to **Q.7**

Q.7

7.1 In 2008, were any **Waste White Goods** prepared for **RE-USE** at your facility? (**I.e. equipment that was checked, cleaned or repaired to be used again for the purpose for which the equipment was designed.**)

Select "yes" or "no"
No

if yes, please go to **Q.8**

if no, please go straight to **Q.9**

Q.8

8.1 Please state the quantity of whole appliances prepared for **RE-USE** _____ tonnes

8.2 Please state the onward destination of the whole appliances prepared for **RE-USE**

Destination	*Licence/permit no. of onward destination (if applicable)*	*Quantity of whole appliances*	
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
(Add more rows if necessary - Click 'Insert' and then'Rows')			

8.3 Please state the quantity of parts or components prepared for **RE-USE** _____ tonnes

8.4 Please state the onward destination of the parts or components prepared for **RE-USE**

Destination	Licence/permit no. of onward destination (if applicable)	Quantity of parts or components	
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
(Add more rows if necessary - Click 'Insert' and then'Rows')			

please go to **Q.9**

Q.9

9.1 Were any **Waste White Goods** transferred onwards **WITHOUT TREATMENT** from your facility?

Select "yes" or "no"
No

if yes, please go to **Q.10**

if no, please go straight to **Q.11**

Q.10

10.1 Please state the quantity of **Waste White Goods** transferred onwards **WITHOUT TREATMENT** from your facility.

tonnes

10.2 Please state the onward destination of the **Waste White Goods** transferred onwards **WITHOUT TREATMENT** from your facility.

Destination	Licence/permit no. of onward destination (if applicable)	Quantity of WEEE transferred	
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
(Add more rows if necessary - Click 'Insert' and then'Rows')			

please go to **Q.11**

Q.11

11.1 Were any **Waste White Goods** subjected to **TREATMENT** at your facility?

Select "yes" or "no"
Yes

if yes, please go to **Q.12**

if no, then you are finished this sheet. Please return to **Sheet 1**.

Q.12

12.1 Please state the quantity of **Waste White Goods** subjected to **TREATMENT** at your facility.

1974 tonnes

12.2 Please describe the way in which **Waste White Goods** were treated at your facility. If different groups of **Waste White Goods** were treated differently, please describe the groups and the treatments applied. Please state the quantities of **Waste White Goods** treated in a particular manner.

Treatment methods or techniques used at your facility. Please describe separately for each distinct group of waste equipment.	Type of waste material treated in this way	Quantity of waste material treated in this way (tonnes)
Depollution		1974
(Add more rows if necessary - Click 'Insert' and then'Rows')		

please go to **Q.13**

Q.13

13.1 Please state the quantity of waste deriving from **Waste White Goods** treatment and dispatched from your facility.

1974 tonnes

13.2 Please provide a description of the type of **Waste White Goods** material transferred from your facility; and state the onward destination for further **RECYCLING OR RECOVERY**. ***Please indicate if any material derived from Waste White Goods is inseparably mixed with any 'non-WEEE waste removed offsite' reported in Table 2 of Sheet 8.***

Name of destination facility *(including licence/permit reg. no. if Ireland **or** town and country if abroad)*	Type of material transferred	Quantity of WEEE transferred (tonnes)	Recovery rate achieved off-site
A1 Metal Recycling PMP077d		1399	81
Multimetals Recycling WPD32		11.2	81
Immark Greenogue W0185/01		479.6	81
S Norton, Liverpool, UK		84.2	89
(Add more rows if necessary - Click 'Insert' and then'Rows')			

13.3 Please state the onward destination for the **DISPOSAL OF WASTE** derived from **Waste White Goods** treatment. ***Please indicate if any material derived from Waste White Goods is inseparably mixed with any 'non-WEEE waste removed offsite' reported in Table 2 of Sheet 8.***

Name of destination facility *(including licence/permit reg. no. if Ireland **or** town and country if abroad)*	Type of material transferred	Disposal operation (please select from list)	Quantity of WEEE transferred (tonnes)
		SELECT	
		SELECT	
		SELECT	
		SELECT	
		SELECT	
		SELECT	
(Add more rows if necessary - Click 'Insert' and then'Rows')			

please go to **Q.14**

Q.14

14.1 Please state the quantity of recycled materials deriving from **Waste White Goods** treatment and dispatched from your facility. ***RECYCLED materials are ready to be used in a production process for new product.***

tonnes

14.2 Please state the nature and onward destination of **RECYCLED MATERIALS** derived from **Waste White Goods** treatment. ***Please indicate if any recycled material derived from Waste White Goods is inseparably mixed with any 'non-WEEE waste removed offsite' reported in Table 2 of Sheet 8.***

Description of recycled materials	***Name of destination facility*** *(including town and country if abroad)(If confidential, please state whether in Ireland or abroad)*	***Quantity of material dispatched (tonnes)***	***Recovery rate achieved off-site (if applicable)***
(Add more rows if necessary - Click 'Insert' and then'Rows')			

END OF SHEET - please return to Sheet 1 and insert "yes" into the "Done?" column

Waste TVs & Monitors - waste acceptance, reuse, treatment and disposal

Please report on all types of TVs and monitors (including LCD and plasma screens)

Please report packaging of WEEE on sheet 8 (non-WEEE waste)

Q.1

1.1 Were any **Waste TVs & Monitors** brokered by your company in 2008 and sent either (i) directly abroad or (ii) to a third-party Irish facility **WITHOUT** being brought to one of your own sites first?

Select "yes" or "no"
No

if yes, please go to **Q.2**

if no, please go straight to **Q.3**

Q.2

2.1 Please state in tonnes the quantity of **Waste TVs & Monitors** brokered by your company in 2008. _____ tonnes

2.2 How much of this material was sent directly abroad? _____ tonnes

2.3 How much of this material was sent to a third-party Irish facility? _____ tonnes

2.4 Please state the onward destinations of the **Waste TVs & Monitors** brokered and sent directly abroad or to third-party Irish facilities.

Destination	*Licence/permit no. of onward destination (if applicable), or town and country if abroad*	*Quantity of WEEE brokered*	
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
(Add more rows if necessary - Click 'Insert' and then'Rows')			

please go to **Q.3**

Q.3

3.1 Please state in tonnes the quantity of **Waste TVs & Monitors** accepted at your facility in 2008. 1441 tonnes

3.2 How much of this material was imported from Northern Ireland or other countries? 167 tonnes

3.3 Please state the quantity of **Waste TVs & Monitors** in storage at 1 January 2008. _____ tonnes

3.4 Please state the quantity of **Waste TVs & Monitors** in storage at 31 December 2008. _____ tonnes

please go to **Q.4**

Q.4

4.1 How did you assess the quantity of **Waste TVs & Monitors** accepted at your facility in 2008?

Please choose from the drop-down menu	
weighbridge	<give details here>
SELECT	<give details here>
SELECT	<give details here>
<provide further details here if necessary>	

please go to **Q.5**

Q.5

5.1 Were any **Waste TVs & Monitors** reported on in Q3 pre-treated **prior** to acceptance at your facility?

Select "yes" or "no"
No

if yes, please go to **Q.6**

if no, please go straight to **Q.7**

Q.6

6.1 Please state the quantity of **Waste TVs & Monitors** that were pre-treated **prior** to acceptance at your facility. _____ tonnes

8.2 Please describe the way in which **Waste TVs & Monitors** were pre-treated **prior** to acceptance at your facility.

Pre-treatment prior to acceptance at your facility.	*Quantity of waste material treated in this way (tonnes)*
(Add more rows if necessary - Click 'Insert' and then'Rows')	

please go to **Q.7**

Q.7

7.1 In 2008, were any **Waste TVs & Monitors** prepared for **RE-USE** at your facility? (***i.e. equipment that was checked, cleaned or repaired to be used again for the purpose for which the equipment was designed.***)

Select "yes" or "no"
No

if yes, please go to **Q.8**

if no, please go straight to **Q.9**

Q.8

8.1 Please state the quantity of whole appliances prepared for **RE-USE** _____ tonnes

8.2 Please state the onward destination of the whole appliances prepared for **RE-USE**

Destination	*Licence/permit no. of onward destination (if applicable)*	*Quantity of whole appliances*	
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
(Add more rows if necessary - Click 'Insert' and then'Rows')			

8.3 Please state the quantity of parts or components prepared for **RE-USE** _____ tonnes

8.4 Please state the onward destination of the parts or components prepared for **RE-USE**

Destination	*Licence/permit no. of onward destination (if applicable)*	*Quantity of parts or components*	
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
(Add more rows if necessary - Click 'Insert' and then'Rows')			

please go to **Q.9**

Q.9

9.1 Were any **Waste TVs & Monitors** transferred onwards **WITHOUT TREATMENT** from your facility? — *Select "yes" or "no"*: Yes

if yes, please go to **Q.10**

if no, please go straight to **Q.11**

Q.10

10.1 Please state the quantity of **Waste TVs & Monitors** transferred onwards **WITHOUT TREATMENT** from your facility. 958 tonnes

10.2 Please state the onward destination of the **Waste TVs & Monitors** transferred onwards **WITHOUT TREATMENT** from your facility.

Destination	*Licence/permit no. of onward destination (if applicable)*	*Quantity of WEEE transferred*	
Global Environmental Recycling		122	tonnes
Rehab Recycling Galway		370	tonnes
The Recycling village		466	tonnes
			tonnes
			tonnes
			tonnes
(Add more rows if necessary - Click 'Insert' and then'Rows')			

please go to **Q.11**

Q.11

11.1 Were any Waste **TVs & Monitors** subjected to **TREATMENT** at your facility? — *Select "yes" or "no"*: Yes

if yes, please go to **Q.12**

if no, then you are finished this sheet. Please return to **Sheet 1**.

Q.12

12.1 Please state the quantity of **Waste TVs & Monitors** subjected to **TREATMENT** at your facility. 483 tonnes

12.2 Please describe the way in which **Waste TVs & Monitors** were treated at your facility. If different groups of **Waste TVs & Monitors** were treated differently, please describe the groups and the treatments applied. Please state the quantities of **Waste TVs & Monitors** treated in a particular manner.

Treatment methods or techniques used at your facility. Please describe separately for each distinct group of waste equipment.	*Type of waste material treated in this way*	*Quantity of waste material treated in this way (tonnes)*
Dismantling		483
(Add more rows if necessary - Click 'Insert' and then'Rows')		

please go to **Q.13**

Q.13

13.1 Please state the quantity of waste deriving from **Waste TV & Monitor** treatment and dispatched from your facility. 483 tonnes

13.2 Please provide a description of the type of **Waste TV & Monitor** material transferred from your facility; and state the onward destination for further **RECYCLING OR RECOVERY**. ***Please indicate if any material derived from Waste TVs & Monitors is inseparably mixed with any 'non-WEEE waste removed offsite' reported in Table 2 of Sheet 8.***

*Name of destination facility (including licence/permit reg. no. if Ireland **or** town and country if abroad)*	*Type of material transferred*	*Quantity of WEEE transferred (tonnes)*	*Recovery rate achieved off-site*
Comex International, Shanghai, China	CRT Components	19	95%
Converge International, Shanghai, China	CRT Components	1.5	95%
Global Environmental Recycling, Birkenhead, UK	CRT glass	31	99%
Interrec BV, Hellmond, NL	CRT Components	8.4	95%
The Recycling Villlage, Monisterboyce, WP2007/20	CRT Glass	394	99%
The Remet Co. London, UK	CRT Components	0.8	95%
A & S Smith Metals, Bolton, UK	CRT Components	12	95%
Thorndale Recycling, Campsie, Northern Ireland	CRT Components Plastic	15.6	95%
(Add more rows if necessary - Click 'Insert' and then'Rows')			

13.3 Please state the onward destination for the DISPOSAL OF WASTE derived from **Waste TV & Monitor** treatment. ***Please indicate if any material derived from Waste TVs & Monitors is inseparably mixed with any 'non-WEEE waste removed offsite' reported in Table 2 of Sheet 8.***

*Name of destination facility (including licence/permit reg. no. if Ireland **or** town and country if abroad)*	*Type of material transferred*	*Disposal operation (please select from list)*	*Quantity of WEEE transferred (tonnes)*
Rilta Environmental, W0192/01	**CRT coating dust**	landfill	0.6
		SELECT	
		SELECT	
		SELECT	
		SELECT	

(Add more rows if necessary - Click 'Insert' and then'Rows')			

please go to **Q.14**

Q.14

14.1 Please state the quantity of recycled materials deriving from **Waste TV & Monitor** treatment and dispatched from your facility. **RECYCLED** materials are ready to be used in a production process for new product.

tonnes

14.2 Please state the nature and onward destination of **RECYCLED MATERIALS** derived from **Waste TV & Monitor treatment**. ***Please indicate if any recycled material derived from Waste TVs & Monitors is inseparably mixed with any 'non-WEEE waste removed offsite' reported in Table 2 of Sheet 8.***

Description of recycled materials	***Name of destination facility*** *(including town and country if abroad)(If confidential, please state whether in Ireland or abroad)*	***Quantity of material dispatched (tonnes)***	***Recovery rate achieved off-site (if applicable)***
(Add more rows if necessary - Click 'Insert' and then'Rows')			

END OF SHEET - please return to Sheet 1 and insert "yes" into the "Done?" column

Waste Fluorescent Lamps - waste acceptance, reuse, treatment and disposal

Please report packaging of WEEE on sheet 8 (non-WEEE waste)

Q.1

1.1 Were any **Waste Fluorescent Lamps** brokered by your company in 2008 and sent either (i) directly abroad or (ii) to a third-party Irish facility **WITHOUT** being brought to one of your own sites first?

Select "yes" or "no"
SELECT

if yes, please go to **Q.2**

if no, please go straight to **Q.3**

Q.2

2.1 Please state in tonnes the quantity of **Waste Fluorescent Lamps** brokered by your company in 2008. ____ tonnes

2.2 How much of this material was sent directly abroad? ____ tonnes

2.3 How much of this material was sent to a third-party Irish facility? ____ tonnes

2.4 Please state the onward destinations of the **Waste Fluorescent Lamps** brokered and sent directly abroad or to third-party Irish facilities.

Destination	*Licence/permit no. of onward destination (if applicable), or town and country if abroad*	*Quantity of WEEE brokered*	
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
(Add more rows if necessary - Click 'Insert' and then'Rows')			

please go to **Q.3**

Q.3

3.1 Please state in tonnes the quantity of **Waste Fluorescent Lamps** accepted at your facility in 2008. ____ tonnes

3.2 How much of this material was imported from Northern Ireland or other countries? ____ tonnes

3.3 Please state the quantity of **Waste Fluorescent Lamps** in storage at 1 January 2008. ____ tonnes

3.4 Please state the quantity of **Waste Fluorescent Lamps** in storage at 31 December 2008. ____ tonnes

please go to **Q.4**

Q.4

4.1 How did you assess the quantity of **Waste Fluorescent Lamps** accepted at your facility in 2008?

Please choose from the drop-down menu	
SELECT	<give details here>
SELECT	<give details here>
SELECT	<give details here>
<provide further details here if necessary>	

please go to **Q.5**

Q.5

5.1 Were any **Waste Fluorescent Lamps** reported on in Q3 pre-treated **prior** to acceptance at your facility?

Select "yes" or "no"
SELECT

if yes, please go to **Q.6**

if no, please go straight to **Q.7**

Q.6

6.1 Please state the quantity of **Waste Fluorescent Lamps** that were pre-treated **prior** to acceptance at your facility. ____ tonnes

8.2 Please describe the way in which **Waste Fluorescent Lamps** were pre-treated **prior** to acceptance at your facility.

Pre-treatment prior to acceptance at your facility.	*Quantity of waste material treated in this way (tonnes)*
(Add more rows if necessary - Click 'Insert' and then'Rows')	

please go to **Q.7**

Q.7

7.1 In 2008, were any **Waste Fluorescent Lamps** prepared for **RE-USE** at your facility? (***i.e. equipment that was checked, cleaned or repaired to be used again for the purpose for which the equipment was designed***.)

Select "yes" or "no"
SELECT

if yes, please go to **Q.8**

if no, please go straight to **Q.9**

Q.8

8.1 Please state the quantity of whole appliances prepared for **RE-USE** ____ tonnes

8.2 Please state the onward destination of the whole appliances prepared for **RE-USE**

Destination	*Licence/permit no. of onward destination (if applicable)*	*Quantity of whole appliances*	
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
(Add more rows if necessary - Click 'Insert' and then'Rows')			

8.3 Please state the quantity of parts or components prepared for **RE-USE** ____ tonnes

8.4 Please state the onward destination of the parts or components prepared for **RE-USE**

Destination	Licence/permit no. of onward destination (if applicable)	Quantity of parts or components	
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
(Add more rows if necessary - Click 'Insert' and then'Rows')			

please go to **Q.9**

Q.9

9.1 Were any **Waste Fluorescent Lamps** transferred onwards **WITHOUT TREATMENT** from your facility? — *Select "yes" or "no"*: SELECT

if yes, please go to **Q.10**

if no, please go straight to **Q.11**

Q.10

10.1 Please state the quantity of **Waste Fluorescent Lamps** transferred onwards **WITHOUT TREATMENT** from your facility. ____ tonnes

10.2 Please state the onward destination of the **Waste Fluorescent Lamps** transferred onwards **WITHOUT TREATMENT** from your facility.

Destination	Licence/permit no. of onward destination (if applicable)	Quantity of WEEE transferred	
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
(Add more rows if necessary - Click 'Insert' and then'Rows')			

please go to **Q.11**

Q.11

11.1 Were any **Waste Fluorescent Lamps** subjected to **TREATMENT** at your facility? — *Select "yes" or "no"*: SELECT

if yes, please go to **Q.12**

if no, then you are finished this sheet. Please return to **Sheet 1**.

Q.12

12.1 Please state the quantity of **Waste Fluorescent Lamps** subjected to **TREATMENT** at your facility. ____ tonnes

12.2 Please describe the way in which **Waste Fluorescent Lamps** were treated at your facility. If different groups of **Waste Fluorescent Lamps** were treated differently, please describe the groups and the treatments applied. Please state the quantities of **Waste Fluorescent Lamps** treated in a particular manner.

Treatment methods or techniques used at your facility. Please describe separately for each distinct group of waste equipment.	Type of waste material treated in this way	Quantity of waste material treated in this way (tonnes)
(Add more rows if necessary - Click 'Insert' and then'Rows')		

please go to **Q.13**

Q.13

13.1 Please state the quantity of waste deriving from **Waste Fluorescent Lamp** treatment and dispatched from your facility. ____ tonnes

13.2 Please provide a description of the type of **Waste Fluorescent Lamp** material transferred from your facility; and state the onward destination for further **RECYCLING OR RECOVERY**. ***Please indicate if any material derived from Waste Fluorescent Lamps is inseparably mixed with any 'non-WEEE waste removed offsite' reported in Table 2 of Sheet 8.***

Name of destination facility *(including licence/permit reg. no. if Ireland **or** town and country if abroad)*	Type of material transferred	Quantity of WEEE transferred (tonnes)	Recovery rate achieved off-site
(Add more rows if necessary - Click 'Insert' and then'Rows')			

13.3 Please state the onward destination for the **DISPOSAL OF WASTE** derived from **Waste Fluorescent Lamp treatment**. ***Please indicate if any material derived from Waste Fluorescent Lamps is inseparably mixed with any 'non-WEEE waste removed offsite' reported in Table 2 of Sheet 8.***

Name of destination facility *(including licence/permit reg. no. if Ireland **or** town and country if abroad)*	Type of material transferred	Disposal operation (please select from list)	Quantity of WEEE transferred (tonnes)
		SELECT	
		SELECT	
		SELECT	
		SELECT	
		SELECT	
		SELECT	
(Add more rows if necessary - Click 'Insert' and then'Rows')			

please go to **Q.14**

Q.14

14.1 Please state the quantity of recycled materials deriving from **Waste Fluorescent Lamp** treatment and dispatched from your facility. ***RECYCLED materials are ready to be used in a production process for new product.***

tonnes

14.2 Please state the nature and onward destination of **RECYCLED MATERIALS** derived from **Waste Fluorescent Lamp** treatment. ***Please indicate if any recycled material derived from Waste Fluorescent Lamps is inseparably mixed with any 'non-WEEE waste removed offsite' reported in Table 2 of Sheet 8.***

Description of recycled materials	***Name of destination facility*** *(including town and country if abroad)(If confidential, please state whether in Ireland or abroad)*	***Quantity of material dispatched (tonnes)***	***Recovery rate achieved off-site (if applicable)***
(Add more rows if necessary - Click 'Insert' and then'Rows')			

END OF SHEET - please return to Sheet 1 and insert "yes" into the "Done?" column

Waste Light Fittings (B2B) - waste acceptance, reuse, treatment and disposal

Please report packaging of WEEE on sheet 8 (non-WEEE waste)

Q.1

1.1 Were any **Waste Light Fittings** brokered by your company in 2008 and sent either (i) directly abroad or (ii) to a third-party Irish facility **WITHOUT** being brought to one of your own sites first?

Select "yes" or "no"
SELECT

if yes, please go to **Q.2**

if no, please go straight to **Q.3**

Q.2

2.1 Please state in tonnes the quantity of **Waste Light Fittings** brokered by your company in 2008. _____ tonnes

2.2 How much of this material was sent directly abroad? _____ tonnes

2.3 How much of this material was sent to a third-party Irish facility? _____ tonnes

2.4 Please state the onward destinations of the **Waste Light Fittings** brokered and sent directly abroad or to third-party Irish facilities.

Destination	*Licence/permit no. of onward destination (if applicable), or town and country if abroad*	*Quantity of WEEE brokered*	
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
(Add more rows if necessary - Click 'Insert' and then'Rows')			

please go to **Q.3**

Q.3

3.1 Please state in tonnes the quantity of **Waste Light Fittings** accepted at your facility in 2008. _____ tonnes

3.2 How much of this material was imported from Northern Ireland or other countries? _____ tonnes

3.3 Please state the quantity of **Waste Light Fittings** in storage at 1 January 2008. _____ tonnes

3.4 Please state the quantity of **Waste Light Fittings** in storage at 31 December 2008. _____ tonnes

please go to **Q.4**

Q.4

4.1 How did you assess the quantity of **Waste Light Fittings** accepted at your facility in 2008?

Please choose from the drop-down menu	
SELECT	<give details here>
SELECT	<give details here>
SELECT	<give details here>
<provide further details here if necessary>	

please go to **Q.5**

Q.5

5.1 Were any **Waste Light Fittings** reported on in Q3 pre-treated **prior** to acceptance at your facility?

Select "yes" or "no"
SELECT

if yes, please go to **Q.6**

if no, please go straight to **Q.7**

Q.6

6.1 Please state the quantity of **Waste Light Fittings** that were pre-treated **prior** to acceptance at your facility. _____ tonnes

8.2 Please describe the way in which **Waste Light Fittings** were pre-treated **prior** to acceptance at your facility.

Pre-treatment prior to acceptance at your facility.	*Quantity of waste material treated in this way (tonnes)*
(Add more rows if necessary - Click 'Insert' and then'Rows')	

please go to **Q.7**

Q.7

7.1 In 2008, were any **Waste Light Fittings** prepared for **RE-USE** at your facility? (I.e. equipment that was checked, cleaned or repaired to be used again for the purpose for which the equipment was designed.)

Select "yes" or "no"
SELECT

if yes, please go to **Q.8**

if no, please go straight to **Q.9**

Q.8

8.1 Please state the quantity of whole appliances prepared for **RE-USE** _____ tonnes

8.2 Please state the onward destination of the whole appliances prepared for **RE-USE**

Destination	*Licence/permit no. of onward destination (if applicable)*	*Quantity of whole appliances*	
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
(Add more rows if necessary - Click 'Insert' and then'Rows')			

8.3 Please state the quantity of parts or components prepared for **RE-USE** _____ tonnes

8.4 Please state the onward destination of the parts or components prepared for **RE-USE**

Destination	Licence/permit no. of onward destination (if applicable)	Quantity of parts or components	
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
(Add more rows if necessary - Click 'Insert' and then'Rows')			

please go to **Q.9**

Q.9

9.1 Were any **Waste Light Fittings** transferred onwards **WITHOUT TREATMENT** from your facility? — *Select "yes" or "no"*: SELECT

if yes, please go to **Q.10**

if no, please go straight to **Q.11**

Q.10

10.1 Please state the quantity of **Waste Light Fittings** transferred onwards **WITHOUT TREATMENT** from your facility. ____ tonnes

10.2 Please state the onward destination of the **Waste Light Fittings** transferred onwards **WITHOUT TREATMENT** from your facility.

Destination	Licence/permit no. of onward destination (if applicable)	Quantity of WEEE transferred	
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
(Add more rows if necessary - Click 'Insert' and then'Rows')			

please go to **Q.11**

Q.11

11.1 Were any **Waste Light Fittings** subjected to **TREATMENT** at your facility? — *Select "yes" or "no"*: SELECT

if yes, please go to **Q.12**

if no, then you are finished this sheet. Please return to **Sheet 1**.

Q.12

12.1 Please state the quantity of **Waste Light Fittings** subjected to **TREATMENT** at your facility. ____ tonnes

12.2 Please describe the way in which **Waste Light Fittings** were treated at your facility. If different groups of **Waste Light Fittings** were treated differently, please describe the groups and the treatments applied. Please state the quantities of **Waste Light Fittings** treated in a particular manner.

Treatment methods or techniques used at your facility. Please describe separately for each distinct group of waste equipment.	Type of waste material treated in this way	Quantity of waste material treated in this way (tonnes)
(Add more rows if necessary - Click 'Insert' and then'Rows')		

please go to **Q.13**

Q.13

13.1 Please state the quantity of waste deriving from **Waste Light Fitting** treatment and dispatched from your facility. ____ tonnes

13.2 Please provide a description of the type of **Waste Light Fitting** material transferred from your facility; and state the onward destination for further **RECYCLING OR RECOVERY**. ***Please indicate if any material derived from Waste Light Fittings is inseparably mixed with any 'non-WEEE waste removed offsite' reported in Table 2 of Sheet 8.***

Name of destination facility *(including licence/permit reg. no. if Ireland **or** town and country if abroad)*	Type of material transferred	Quantity of WEEE transferred (tonnes)	Recovery rate achieved off-site
(Add more rows if necessary - Click 'Insert' and then'Rows')			

13.3 Please state the onward destination for the **DISPOSAL OF WASTE** derived from **Waste Light Fitting** treatment. ***Please indicate if any material derived from Waste Light Fittings is inseparably mixed with any 'non-WEEE waste removed offsite' reported in Table 2 of Sheet 8.***

Name of destination facility *(including licence/permit reg. no. if Ireland **or** town and country if abroad)*	Type of material transferred	Disposal operation (please select from list)	Quantity of WEEE transferred (tonnes)
		SELECT	
		SELECT	
		SELECT	
		SELECT	
		SELECT	
		SELECT	
(Add more rows if necessary - Click 'Insert' and then'Rows')			

please go to **Q.14**

Q.14

14.1 Please state the quantity of recycled materials deriving from **Waste Light Fitting** treatment and dispatched from your facility. **RECYCLED** materials are ready to be used in a production process for new product.

tonnes

14.2 Please state the nature and onward destination of **RECYCLED MATERIALS** derived from **Waste Light Fitting** treatment. ***Please indicate if any recycled material derived from Waste Light Fittings is inseparably mixed with any 'non-WEEE waste removed offsite' reported in Table 2 of Sheet 8.***

Description of recycled materials	***Name of destination facility*** *(including town and country if abroad)(If confidential, please state whether in Ireland or abroad)*	***Quantity of material dispatched (tonnes)***	***Recovery rate achieved off-site (if applicable)***
(Add more rows if necessary - Click 'Insert' and then'Rows')			

END OF SHEET - please return to Sheet 1 and insert "yes" into the "Done?" column

Other WEEE - waste acceptance, reuse, treatment and disposal

Please report packaging of WEEE on sheet 8 (non-WEEE waste)

Q.1

1.1 Was any **Other WEEE** brokered by your company in 2008 and sent either (i) directly abroad or (ii) to a third-party Irish facility WITHOUT being brought to one of your own sites first?

Select "yes" or "no"
No

if yes, please go to **Q.2**

if no, please go straight to **Q.3**

Q.2

2.1 Please state in tonnes the quantity of **Other WEEE** brokered by your company in 2008. _____ tonnes

2.2 How much of this material was sent directly abroad? _____ tonnes

2.3 How much of this material was sent to a third-party Irish facility? _____ tonnes

2.4 Please state the onward destinations of the **Other WEEE** brokered and sent directly abroad or to third-party Irish facilities.

Destination	*Licence/permit no. of onward destination (if applicable), or town and country if abroad*	*Quantity of WEEE brokered*	
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
(Add more rows if necessary - Click 'Insert' and then'Rows')			

please go to **Q.3**

Q.3

3.1 Please state in tonnes the quantity of **Other WEEE** accepted at your facility in 2008. 6569 tonnes

3.2 How much of this material was imported from Northern Ireland or other countries? 2111 tonnes

3.3 Please state the quantity of **Other WEEE** in storage at 1 January 2008. _____ tonnes

3.4 Please state the quantity of **Other WEEE** in storage at 31 December 2008. 173 tonnes

please go to **Q.4**

Q.4

4.1 How did you assess the quantity of **Other WEEE** accepted at your facility in 2008?

Please choose from the drop-down menu	
weighbridge	<give details here>
SELECT	<give details here>
SELECT	<give details here>
<provide further details here if necessary>	

please go to **Q.5**

Q.5

5.1 Was any **Other WEEE** reported on in Q3 pre-treated prior to acceptance at your facility?

Select "yes" or "no"
SELECT

if yes, please go to **Q.6**

if no, please go straight to **Q.7**

Q.6

6.1 Please state the quantity of **Other WEEE** that were pre-treated prior to acceptance at your facility. 2111 tonnes

8.2 Please describe the way in which **Other WEEE** was pre-treated prior to acceptance at your facility.

Pre-treatment prior to acceptance at your facility.	*Quantity of waste material treated in this way (tonnes)*
De-polluted	2111
(Add more rows if necessary - Click 'Insert' and then'Rows')	

please go to **Q.7**

Q.7

7.1 In 2008, was any **Other WEEE** prepared for **RE-USE** at your facility? (I.e. equipment that was checked, cleaned or repaired to be used again for the purpose for which the equipment was designed.)

Select "yes" or "no"
No

if yes, please go to **Q.8**

if no, please go straight to **Q.9**

Q.8

8.1 Please state the quantity of whole appliances prepared for **RE-USE** _____ tonnes

8.2 Please state the onward destination of the whole appliances prepared for **RE-USE**

Destination	*Licence/permit no. of onward destination (if applicable)*	*Quantity of whole appliances*	
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
(Add more rows if necessary - Click 'Insert' and then'Rows')			

8.3 Please state the quantity of parts or components prepared for **RE-USE** _____ tonnes

8.4 Please state the onward destination of the parts or components prepared for **RE-USE**

Destination	Licence/permit no. of onward destination (if applicable)	Quantity of parts or components	
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
(Add more rows if necessary - Click 'Insert' and then'Rows')			

please go to **Q.9**

Q.9

9.1 Was any **Other WEEE** transferred onwards **WITHOUT TREATMENT** from your facility? — *Select "yes" or "no"*: No

if yes, please go to **Q.10** | if no, please go straight to **Q.11**

Q.10

10.1 Please state the quantity of **Other WEEE** transferred onwards **WITHOUT TREATMENT** from your facility. — tonnes

10.2 Please state the onward destination of the **Other WEEE** transferred onwards **WITHOUT TREATMENT** from your facility.

Destination	Licence/permit no. of onward destination (if applicable)	Quantity of WEEE transferred	
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
			tonnes
(Add more rows if necessary - Click 'Insert' and then'Rows')			

please go to **Q.11**

Q.11

11.1 Was any **Other WEEE** subjected to **TREATMENT** at your facility? — *Select "yes" or "no"*: Yes

if yes, please go to **Q.12** | if no, then you are finished this sheet. Please return to **Sheet 1**.

Q.12

12.1 Please state the quantity of **Other WEEE** subjected to **TREATMENT** at your facility. — 6396 tonnes

12.2 Please describe the way in which **Other WEEE** was treated at your facility. If different groups of **Other WEEE** were treated differently, please describe the groups and the treatments applied. Please state the quantities of **Other WEEE** treated in a particular manner.

Treatment methods or techniques used at your facility. Please describe separately for each distinct group of waste equipment.	Type of waste material treated in this way	Quantity of waste material treated in this way (tonnes)
Shredded and materials separated	SDA & IT	6396
(Add more rows if necessary - Click 'Insert' and then'Rows')		

please go to **Q.13**

Q.13

13.1 Please state the quantity of waste deriving from **Other WEEE** treatment and dispatched from your facility. — 6396 tonnes

13.2 Please provide a description of the type of **Other WEEE** material transferred from your facility; and state the onward destination for further **RECYCLING OR RECOVERY**. ***Please indicate if any material derived from Other WEEE is inseparably mixed with any 'non-WEEE waste removed offsite' reported in Table 2 of Sheet 8.***

Name of destination facility *(including licence/permit reg. no. if Ireland **or** town and country if abroad)*	Type of material transferred	Quantity of WEEE transferred (tonnes)	Recovery rate achieved off-site
A1 Metal Recycling WMP077d	Ferrous & Non ferrous	2054	95
Axion Recycling, Manchester, UK	Plastic	440	85
Comex International, China	Components, precious metal and plastics	199	90
Converge International, China	Motors, metals	75	90
Dietker Group, Regensdorf, Switzerland.	Components, cable, non Fe and precious metals	390	95
Greenstar, Materials Recovery, WP 178-1	C&I waste	983	80
Eurokey Recycling,, Enderby, Leister, UK	Plastic	30	80
Glassco, WP 247/2006	Glass	2.6	98
Hegarty Metals. WR01 - 2001	Cable	5.2	80
Interrec BV, Hellmond, NL	Cable, components, non Fe meta	187	90
Returnbatt Ltd. WPR No.97/2002	Batteries	21.5	85
Multimetals Recycling WPD32	Ferrous	248	95
The Remet Co. London	Components and metals	113	95
Rilta Environmental, W0192/01	Toner and oils	9.3	85
Royden Polythene Exports, Rochdale, UK	Plastic	757	80
S. Norton, Liverpool	Ferrous	148	95
Smith Metals Bolton UK	Ferrous, cable, non Fe and comp	629	95
Thorndale Recycling, Campsie NI	Plastic	11	80
(Add more rows if necessary - Click 'Insert' and then'Rows')			

13.3 Please state the onward destination for the **DISPOSAL OF WASTE** derived from **Other WEEE** treatment. ***Please indicate if any material derived from Other WEEE is inseparably mixed with any 'non-WEEE waste removed offsite' reported in Table 2 of Sheet 8.***

Name of destination facility *(including licence/permit reg. no. if Ireland **or** town and country if abroad)*	***Type of material transferred***	***Disposal operation (please select from list)***	***Quantity of WEEE transferred (tonnes)***
Enva Ireland, W0184/01	**Capacitors**	incineration with energy recovery	10
Greenstar, Materials Recovery, WP 178-1	**Plastics**	landfill	83
		SELECT	
		SELECT	
		SELECT	
		SELECT	
(Add more rows if necessary - Click 'Insert' and then'Rows')			

please go to **Q.14**

Q.14

14.1 Please state the quantity of recycled materials deriving from **Other WEEE** treatment and dispatched from your facility. **RECYCLED** materials are ready to be used in a production process for new product.

tonnes

14.2 Please state the nature and onward destination of **RECYCLED MATERIALS** derived from **Other WEEE** treatment. ***Please indicate if any recycled material derived from Other WEEE is inseparably mixed with any 'non-WEEE waste removed offsite' reported in Table 2 of Sheet 8.***

Description of recycled materials	***Name of destination facility*** *(including town and country if abroad)(If confidential, please state whether in Ireland or abroad)*	***Quantity of material dispatched (tonnes)***	***Recovery rate achieved off-site (if applicable)***
(Add more rows if necessary - Click 'Insert' and then'Rows')			

END OF SHEET - please return to Sheet 1 and insert "yes" into the "Done?" column

NON-WEEE waste

COMPLETE THIS SHEET ONLY IF YOU ACCEPTED NON-WEEE METAL AT YOUR FACILITY IN 2008

Table 1
NON-WEEE WASTE ACCEPTED ONSITE IN 2008

(Provide details on all Non-WEEE wastes accepted at the facility)

Waste Type	EWC Code	Quantity accepted from ROI (TONNES)	Quantity accepted from abroad (TONNES)	Waste Processing Operation - provide a brief description of how you process this waste stream
Ferrous metal packaging e.g., tin cans (pet food, beans, some drinks cans), steel barrels, pallet strapping etc.	15 01 04			
Aluminium packaging e.g., soft drink and beer cans, aluminium foil	15 01 04			
Other metal packaging	15 01 04			
FERROUS METALS (non packaging):				
Waste metal from agricultural sources, e.g. farms, creameries and food processors	02 01 10			
Other metal wastes from iron and steel industry e.g. production off-cuts	12 01 99			
Iron and steel scrap from construction and demolition waste (building sites)	17 04 05			
Mixed metals from construction and demolition waste	17 04 07			
Cables from construction and demolition waste containing oil, coal, tar and other dangerous substances	17 04 10*			
Cables from construction and demolition waste not containing dangerous substances	17 04 11			
Shredder residue containing dangerous substances	19 10 03* 19 12 11*			
Shredder residue not containing dangerous substances	19 10 04 19 12 12			
Ferrous metal filings and turnings (e.g. swarf) from iron and steel industry	12 01 01			

Table 2
NON-WEEE WASTE WASTE REMOVED OFFSITE IN 2008

(Provide details on all Non-WEEE wastes sent off site for recycling or disposal). Please be very specific on the waste descriptions.

Waste Type	Quantity (TONNES)	FULL name & address of offsite facility to which waste was sent	Additional information
<<Example 1>> Ferrous metal packaging	600.00	Metal Recycling, Dublin	
	400.00	Spain Metal, Spain	
	300.00	Portugal Metals, Portugal	
<<Example 2>> Iron and Steel from C&D	400.00	Metal Mills, Spain	
	500.00	F. Metal, UK	
<<Sample Row 3>> ***Crushed ferrous metals***	100.00	Metal Recycling, Dublin	
	200.00	F. Metal, UK	
<<Insert waste description here>>			
<<Insert waste description here>>			
<<Insert waste description here>>			
<<Insert waste description here>>			
<<Insert waste description here>>			
<<Insert waste description here>>			
<<Insert waste description here>>			
<<Insert waste description here>>			
<<Insert waste description here>>			
<<Insert waste description here>>			

Table 3
NON-WEEE WASTE IN STORAGE ONSITE

(Provide an inventory on all Non-WEEE wastes in storage onsite, whether pending treatment or onward transport)

Waste Type	Quantity in storage onsite at start of 2008 (TONNES)	Quantity in storage onsite at end of 2008 (TONNES)
<<insert waste description here>>		
<<insert waste description here>>		
<<insert waste description here>>		
<<insert waste description here>>		
<<insert waste description here>>		
<<insert waste description here>>		
<<insert waste description here>>		
<<insert waste description here>>		
<<insert waste description here>>		
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<<insert waste description here>>		
<<insert waste description here>>		
<<insert waste description here>>		
<<insert waste description here>>		
<<insert waste description here>>		
<<insert waste description here>>		
<<insert waste description here>>		
<<insert waste description here>>		

Ferrous metal dust and particles from steel industry	12 01 02				<<Insert waste description here>>				<<insert waste description here>>			
Metals separated from municipal, household and commercial waste e.g. light iron (Non-packaging)	20 01 40								<<insert waste description here>>			
NON-FERROUS METALS (non packaging):					<<Insert waste description here>>				<<insert waste description here>>			
Aluminium from construction & demolition waste e.g. window frames, facia, soffits, gutters, downpipes etc. (Non-packaging)	17 04 02								<<insert waste description here>>			
Aluminium production offcuts and swarf	12 01 03				<<Insert waste description here>>				<<insert waste description here>>			
Aluminium from municipal sources (Non-packaging)	20 01 40								<<insert waste description here>>			
Copper cables from construction and demolition waste	17 04 11				<<Insert waste description here>>				<<insert waste description here>>			
Copper, brass, bronze from construction & demolition waste e.g. copper piping, copper cylinders, brass taps etc.	17 04 01								<<insert waste description here>>			
Copper, brass and bronze from municipal sources	20 01 40				<<Insert waste description here>>				<<insert waste description here>>			
Stainless steel production off-cuts and swarf	12 01 03								<<insert waste description here>>			
Stainless steel from municipal sources e.g. pots and pans	20 01 40				<<Insert waste description here>>				<<insert waste description here>>			
Lead from construction and demolition waste e.g. lead pipes and flashing from building sites	17 04 03								<<insert waste description here>>			
Lead from municipal sources	20 01 40				<<Insert waste description here>>				<<insert waste description here>>			
Tin from municipal sources	20 01 40								<<insert waste description here>>			
Tin production off-cuts and swarf	12 01 03				<<Insert waste description here>>				<<insert waste description here>>			
Zinc from construction and demolition waste	17 04 04								<<insert waste description here>>			
Zinc production off-cuts and swarf	12 01 03				<<Insert waste description here>>				<<insert waste description here>>			
Zinc from hot galvanising processes e.g. galvanisers scrap zinc	11 05 01								<<insert waste description here>>			

Zinc ash from hot galvanising processes	11 05 02			
Silver e.g. photographic film and paper containing silver or silver compounds	09 01 07			
OTHER MATERIALS				
Lead batteries	16 06 01*			
Ni-Cd batteries	16 06 02*			
Alkaline batteries	16 06 04			
OTHER - Please specify below any materials not mentioned above (including non-metal packaging). Please include relevant EWC Code.				
<<Example 1>> Wood pallets	15 01 03	45.00	0.00	
<<Example 2>> Plastic packaging	15 01 02	8.50	0.00	
<<Example 3>>Cardboard packaging	15 01 01	21.50	0.00	
<<Insert waste description here>>	SELECT			
<<Insert waste description here>>	SELECT			
<<Insert waste description here>>	SELECT			
<<Insert waste description here>>	SELECT			
<<Insert waste description here>>	SELECT			

END OF SHEET - please return to Sheet 1 and insert "yes" into the "Done?" column

<<Insert waste description here>>			
<<Insert waste description here>>			
<<Insert waste description here>>			
<<Insert waste description here>>			
<<Insert waste description here>>			
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<<insert waste description here>>		
<<insert waste description here>>		

18 Appendix 4 AER Returns Worksheet

Environmental Protection Agency

AER Returns Worksheet

Version 1.1.04

REFERENCE YEAR	2008

1. FACILITY IDENTIFICATION

Parent Company Name	TechRec Ireland Limited
Facility Name	TechRec Ireland Ltd
PRTR Identification Number	W0233
Licence Number	W0233-01

Waste or IPPC Classes of Activity

No.	class_name
4.3	Recycling or reclamation of metals and metal compounds.
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.

Address 1	Unit 51
Address 2	Park West Industrial Estate
Address 3	Nangor Road
Address 4	Dublin 12
Country	Ireland
Coordinates of Location	0.000
River Basin District	IEEA
NACE Code	3832
Main Economic Activity	Recovery of sorted materials
AER Returns Contact Name	Gerard Killen
AER Returns Contact Email Address	loshea@techrec.ie
AER Returns Contact Position	
AER Returns Contact Telephone Number	01 620 4300
AER Returns Contact Mobile Phone Number	
AER Returns Contact Fax Number	
Production Volume	0.0
Production Volume Units	
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	0
User Feedback/Comments	
Web Address	

2. PRTR CLASS ACTIVITIES

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

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

Is it applicable?	No
Have you been granted an exemption ?	No
If applicable which activity class applies (as per Schedule 2 of the regulations) ?	
Is the reduction scheme compliance route being used ?	

4.1 RELEASES TO AIR

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO AIR								
POLLUTANT		METHOD				QUANTITY		
			Method Used					
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
19	**Chromium and compounds (as Cr)**	M	EN 13284-1:2002		0.024	0.024	0.0	0.0
22	Nickel and compounds (as Ni)	M	EN 13284-1:2002		0.031	0.031	0.0	0.0

* 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								
POLLUTANT		METHOD				QUANTITY		
			Method Used					
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

* 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								
POLLUTANT		METHOD				QUANTITY		
			Method Used					
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
210	Dust	M	EN 13285-1:2002		24.8	24.8	0.0	0.0

* 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: TechRec Ireland Ltd

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	

4.2 RELEASES TO WATERS

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

Data on ambient monitoring of storm/surface water or groundwater, conducted as part of your licence requirements, should NOT be submitted under AER / PRTR Reporting as t

RELEASES TO WATERS								
POLLUTANT						QUANTITY		
			Method Used					
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

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION B : REMAINING PRTR POLLUTANTS

RELEASES TO WATERS								
POLLUTANT						QUANTITY		
			Method Used					
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

* 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 WATERS								
POLLUTANT						QUANTITY		
			Method Used					
Pollutant No.	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

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

4.3 RELEASES TO WASTEWATER OR SEWER

| PRTR# : W0233 | Facility Name : TechRec Ireland Ltd | Filename : W0233_2008.xls | Return Year 27/05/2009 13:05

SECTION A : PRTR POLLUTANTS

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER								
POLLUTANT		METHOD			QUANTITY			
			Method Used					
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

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION B : REMAINING POLLUTANT EMISSIONS (as required in your Licence)

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER								
POLLUTANT		METHOD			QUANTITY			
			Method Used					
Pollutant No.	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

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

4.4 RELEASES TO LAND

SECTION A : PRTR POLLUTANTS

RELEASES TO LAND							
POLLUTANT		METHOD			QUANTITY		
			Method Used				
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year
					0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

SECTION B : REMAINING POLLUTANT EMISSIONS (as required in your Licence)

RELEASES TO LAND							
POLLUTANT		METHOD			QUANTITY		
			Method Used				
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year
					0.0	0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

Transfer Destination	European Waste Code	Hazardous	Quantity T/Year	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Name and Licence / Permit No. of Recoverer / Disposer / Broker	Address of Recoverer / Disposer / Broker	Name and Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)	Licence / Permit No. of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used					
Within the Country	08 03 17	Yes	8.6	Waste printing toner	R13	M	Weighed	Abroad	Rilta Environmental Ltd. W0192-01	Block 402, Greenogue Business Park, Rathcoole, Co. Dublin	Afvalstoffen Treminal Moerdijk B.V. Industrrieterrein - Seaport M152, Vlasweg12, NL. 4782 PW Moerdijk, NL	Permit 821780
Within the Country	13 08 99	Yes	0.7	Oil, Waste otherwise not specified	R3	M	Weighed	Offsite in Ireland	Rilta Environmental Ltd. W0192-01	Block 402, Greenogue Business Park, Rathcoole, Co. Dublin	Rilta Environmental Ltd. Block 402, Greenogue Business Park, Rathcoole, Co. Dublin	W0192-01
Within the Country	15 01 01	No	13.6	Paper and cardboard packaging	R13	M	Weighed	Offsite in Ireland	Greenstar Recycling and Recovery Ltd. W0183-01	Millennium Business Park, Ballycoolin, Dublin 11		
Within the Country	16 02 16	No	10.1	Components removed from discarded equipment other than those mentioned in 16 02 15	R13	M	Weighed	Offsite in Ireland	Enva Ireland Ltd. W0184-01	Clonminhan Industrial Estate, Portlaoise. Co Laois		
Within the Country	16 02 16	No	4.6	Components removed from discarded equipment other than those mentioned in 16 02 15	R4	M	Weighed	Offsite in Ireland	Greenstar Recycling and Recovery Ltd. W0183-01	Millennium Business Park, Ballycoolin, Dublin 11		
Within the Country	16 02 16	No	252.1	Components removed from discarded equipment other than those mentioned in 16 02 15	R5	M	Weighed	Onsite in Ireland	The Recycling Village. WP2004/15	Unit 4A, Tenure Business Park, Monisterboyce, Co. Louth		
To Other Countries	16 02 16	No	0.067	Components removed from discarded equipment other than those mentioned in 16 02 15	R4	M	Weighed	Abroad	TES-AMM Europe Ltd. WEE/SE0704PA/ATF	3 Drummond Crescent, Riverside Business Park, Irvine, Ayrshire, KA11 5AN Scotland		
To Other Countries	16 02 16	No	187.0	Components removed from discarded equipment other than those mentioned in 16 02 15	R4	M	Weighed	Abroad	A&M Smith Metals NSO/543915	Darbyshire Street, Bolton Lancs. UK		
To Other Countries	16 02 16	No	97.5	Components removed from discarded equipment other than those mentioned in 16 02 15	R4	M	Weighed	Abroad	The Remet Co London. 80115	9 Cody Business Centra, Cody Road, E16 4SR, London, England		
To Other Countries	16 02 16	No	89.2	Components removed from discarded equipment other than those mentioned in 16 02 15	R4	M	Weighed	Abroad	Interrec B.V. / INT- 080326-EML-1124-RK	Korte Beemd 2, 4-6 Hellmond, 5705 NL		
Within the Country	16 02 16	No	5.2	Components removed from discarded equipment other than those mentioned in 16 02 15	R4	M	Weighed	Offsite in Ireland	Hegarty Metals WP 05/04	Ballysimon Road, Limerick		
To Other Countries	16 02 16	No	25.1	Components removed from discarded equipment other than those mentioned in 16 02 15	R5	M	Weighed	Abroad	Global Environmental Recycling EAWML/ 50120/M02	Unit D, Maritime Business Park, Campbeltown Road, Birkenhead, Wirral, CH41 9HP		
To Other Countries	16 02 16	No	82.4	Components removed from discarded equipment other than those mentioned in 16 02 15	R4	M	Weighed	Abroad	Dieteker, Order 0443 of 2005	Regensdorf, Switzerland		
To Other Countries	16 02 16	No	75.0	Components removed from discarded equipment other than those mentioned in 16 02 15	R4	M	Weighed	Abroad	Converge International Ltd.	701,7/F. 50Bonham Strand, Sheung Wan, Hong Kong		
To Other Countries	16 02 16	No	198.4	Components removed from discarded equipment other than those mentioned in 16 02 15	R4	M	Weighed	Abroad	Comex International Trading Ltd.	202, Building 372, No518, Gu Lang Rd., Shanghai, China		
To Other Countries	16 02 15	Yes	15.7	Hazardous components removed from discarded equipment	R5	M	Weighed	Abroad	Global Environmental Recycling EAWML/ 50120/M02	Unit D, Maritime Business Park, Campbeltown Road, Birkenhead, Wirral, CH41 9HP	Global Environmental Recycling Ltd, Unit D, Campbeltown Road, Birkenhead, Wirral, CH41 9HP	EAWML/50120/M02
Within the Country	16 02 15	Yes	0.6	Hazardous components removed from discarded equipment	R13	M	Weighed	Abroad	Rilta Environmental Ltd. W0192-01	Block 402, Greenogue Business Park, Rathcoole, Co. Dublin	Afvalstoffen Treminal Moerdijk B.V. Industrrieterrein - Seaport M152, Vlasweg12, NL. 4782 PW Moerdijk, NL	Permit 821780

Transfer Destination	European Waste Code	Hazardous	Quantity T/Year	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Name and Licence / Permit No. of Recoverer / Disposer / Broker	Address of Recoverer / Disposer / Broker	Name and Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)	Licence / Permit No. of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used					
Within the Country	16 02 15	Yes	227.9	Hazardous components removed from discarded equipment	R13	M	Weighed	Offsite in Ireland	Recycling Village. WP2004/15	Unit 4A, Tenure Business Park, Monisterboyce Co. Louth	Recycling Village, Unit 4A, Tenure Business Park, Monisterboyce Co. Louth	WP2004/15
Within the Country	16 06 01	Yes	10.2	Lead Batteries	R13	M	Weighed	Abroad	Returnbatt WPR97/2002	Oldmill Industrial Estate, Naas, Co. Kildare	Accurec Recycling GmbH,Wiehagen, 12-14, 45472 Muelheim	ZUMM- 054-0499-45-42-1103
Within the Country	19 10 01	No	2053.0	Iron and Steel waste	R4	M	Weighed	Offsite in Ireland	A1 Metal Recycling WMP007D	Acragar, Mountmellick, Co. Laois		
Within the Country	19 10 01	No	259.7	Iron and Steel waste	R4	M	Weighed	Offsite in Ireland	Multimetals Recycling/Hammond Lane W0164-01	Hammond Lane, Dublin		
To Other Countries	19 10 01	No	11.8	Iron and Steel waste	R4	M	Weighed	Abroad	Dieteker Group. 0443 of 2005	Regensdorf, Switzerland		
To Other Countries	19 10 01	No	19.8	Iron and Steel waste	R4	M	Weighed	Abroad	Interrec B.V. / INT- 080326-EML-1124-RK	Korte Beemd 2, 4-6 Hellmond, 5705 NL		
To Other Countries	19 10 01	No	232.0	Iron and Steel waste	R4	M	Weighed	Abroad	S Norton WML30195/M01	Bankfield House, Bankfield Hill, Regent Road, Liverpool, L20 8RQ		
To Other Countries	19 10 01	No	433.8	Iron and Steel waste	R4	M	Weighed	Abroad	A&M Smith Metals NSO/543915	Darbyshire Street, Bolton Lancs. UK		
Within the Country	19 10 02	No	0.87	Non Ferrous waste	R4	M	Weighed	Offsite in Ireland	A1 Metal Recycling WMP007D	Acragar, Mountmellick, Co. Laois		
Within the Country	19 10 02	No	1.5	Non Ferrous waste	R4	M	Weighed	Offsite in Ireland	Immark Ireland W0185/01	Unit 14A1 Greenogue Business Park, Rathcoole, Co. Dublin		
To Other Countries	19 10 02	No	19.6	Non Ferrous waste	R4	M	Weighed	Abroad	Comex International Trading Ltd.	202, Building 372, No518, Gu Lang Rd., Shanghai, China		
To Other Countries	19 10 02	No	296.0	Non Ferrous waste	R4	M	Weighed	Abroad	Dieteker, Order 0443 of 2005	Regensdorf, Switzerland		
To Other Countries	19 10 02	No	78.0	Non Ferrous waste	R4	M	Weighed	Abroad	Interrec B.V. / INT- 080326-EML-1124-RK	Korte Beemd 2, 4-6 Hellmond, 5705 NL		
To Other Countries	19 10 02	No	15.8	Non Ferrous waste	R4	M	Weighed	Abroad	The Remet Co London. 80115	9 Cody Business Centra, Cody Road, E16 4SR, London, England		
To Other Countries	19 10 02	No	8.7	Non Ferrous waste	R4	M	Weighed	Abroad	A&M Smith Metals NSO/543915	Darbyshire Street, Bolton Lancs. UK		
Within the Country	19 10 04	No	641.0	Light fraction	R3	M	Weighed	Offsite in Ireland	Greenstar Recycling and Recovery Ltd. W0183-01	Millennium Business Park, Ballycoolin, Dublin 11		
To Other Countries	19 12 04	No	440.0	Plastics	R3	M	Weighed	Abroad	Axion RecyclingEAWML 50474	Woodford Road, Bramhill, Stockport, SK7 1JR		
To Other Countries	19 12 04	No	146.0	Plastics	R3	M	Weighed	Abroad	Comex International Trading Ltd.	202, Building 372, No518, Gu Lang Rd., Shanghai, China		
To Other Countries	19 12 04	No	30.4	Plastics	R3	M	Weighed	Abroad	Eurokey Recycling / BC4/002867 &8	Quartz Close, Warrens Industrial Res. Enderby, Leicester, LE19 4SG		
To Other Countries	19 12 04	No	757.0	Plastics	R3	M	Weighed	Abroad	Roydon Polythene EAWML50433	Fieldhouse Ind. Est, Rochdale, Lancs. OL12 0AA, UK		
To Other Countries	19 12 04	No	26.8	Plastics	R3	M	Weighed	Abroad	Thorndale recycling	Campsie, NI		
Within the Country	19 12 04	No	83.0	Plastics	R3	M	Weighed	Offsite in Ireland	Greenstar Recycling and Recovery Ltd. W0183-01	Millennium Business Park, Ballycoolin, Dublin 11		
Within the Country	20 01 21	Yes	0.76	Fluorescent tubes	R5	M	Weighed	Abroad	Irish Lamp Recycling WP02-2000B	Woodstock Ind. Est. Kilkenny Road, Athy, Co. Kildare	Irish Lamp Recycling Ltd, Woodstock Ind. Est, Kilkenny Road, Athy, Co. Kildare	WP02-2000B
To Other Countries	20 01 23	Yes	2518.0	Fridges and freezers	R4	M	Weighed	Abroad	Techrec NI Ltd. LN 04/07A	110 Trewmount road, Killyman, Dungannon, co. Tyrone BT71 7EF	Techrec Ni Ltd, 110 Trewmount Road, Killyman, Dubgannon, Co. Tyrone, BT71 7EF	LN/04/07A

Transfer Destination	European Waste Code	Hazardous	Quantity T/Year	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Name and Licence / Permit No. of Recoverer / Disposer / Broker	Address of Recoverer / Disposer / Broker	Name and Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)	Licence / Permit No. of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used					
Within the Country	20 01 33	Yes	10.9	Unsorted batteries	R4	M	Weighed	Abroad	Returnbatt WPR97/2002	Oldmill Industrial Estate, Naas, Co. Kildare	Accurec Recycling GmbH,Wiehagen, 12-14, 45472 Muelheim	ZUMM- 054-0499-45-42-1103
Within the Country	20 01 35	Yes	380.0	CRT	R5	M	Weighed	Offsite in Ireland	The Recycling Village. WP2004/15	Unit 4A, Tenure Business Park, Monisterboyce, Co. Louth	The Recycling Village, Unit 4A, Tenure Business Park, Monisterboyce, Co. Louth	WP2004/15
Within the Country	20 01 35	Yes	370.0	CRT	R5	M	Weighed	Offsite in Ireland	Rehab Recycling. WPR33/2	77 Broomhill Road, Tallaght, Co Dublin	Rehab Recycling, Broomhill Road, Tallaght, Co. Dublin	WPR33/2
To Other Countries	20 01 35	Yes	112.0	CRT	R5	M	Weighed	Abroad	Global Environmental Recycling EAWML/ 50120/M02	Unit D, Maritime Business Park, Campbeltown Road, Birkenhead, Wirral, CH41 9HP	Global Environmental Recycling Ltd, Unit D, Campbeltown Road, Birkenhead, Wirral, CH41 9HP	EAWML/50120/M02
Within the Country	20 01 36	No	1400.0	Large Household appliances (Depolluted)	R4	M	Weighed	Offsite in Ireland	A1 Metal Recycling WMP007D	Acragar, Mountmellick, Co. Laois		
Within the Country	20 01 36	No	479.6	Large Household appliances (Depolluted)	R4	M	Weighed	Offsite in Ireland	Immark Ireland W0185/01	Unit 14A1 Greenogue Business Park, Rathcoole, Co. Dublin		
Within the Country	**20 01 02**	**No**	2.65	Glass	R5	M	Weighed	Offsite in Ireland	Glassco Recycling WP247/2006	Unit 4, Osberstown Business Park, Carragh Road, Naas, Co. Kildare		
Within the Country	20 03 01	No	325.0	Mixed Municipal Waste	D1	M	Weighed	Offsite in Ireland	Greenstar Recycling and Recovery Ltd. W0183-01	Millennium Business Park, Ballycoolin, Dublin 11		

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