

RESOURCE ANALYSIS REPORT

Customer: A N Other Contractors

Period: 01 May 2016 – 31 May 2016

Date: 03/06/2016

SUMMARY OF PERIOD

TOTAL WEIGHT	542.46 tonnes
TOTAL RECYCLED:	486.50 tonnes
PERCENTAGE RECYCLED	93.5%
CARBON SAVING (NET)	25.67 tonnes



RESOURCE ANALYSIS REPORT

CUSTOMER: CLIFFORD DEVLIN

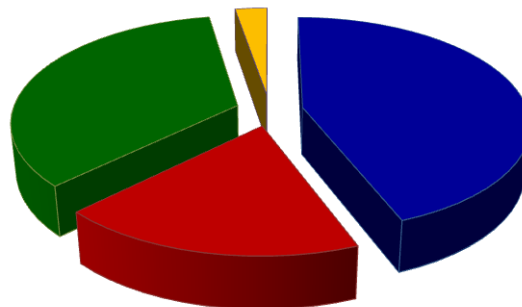
PERIOD: 01 May 2016 – 31 May 2016

DATE: 03/05/2016



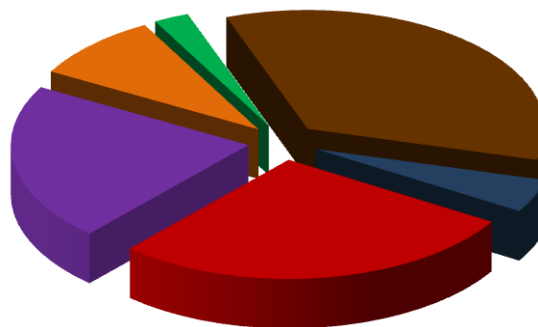
ALL MATERIAL BY SOURCE

SITE	WEIGHT (tonnes)	%
Berry Road	239.50	44
Greenwich Pump House	100.50	19
Victoria Station	187.90	35
Packaging Centre	14.56	3
TOTAL	542.46	100



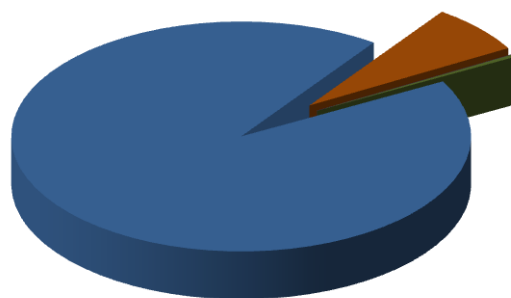
ALL MATERIAL BY CATEGORY

CATEGORY	WEIGHT (tonnes)	%
Aggregates	201.56	37
Glass	23.60	4
Metal	145.90	27
Mixed Recycling	102.05	21
RubbishCon	46.76	9
Timber	12.00	2
TOTAL	542.46	100



ALL MATERIAL BY DESTINATION (HIERARCHY)

DESTINATION	WEIGHT (tonnes)	%
Re-used	2.00	<1
Recycled	486.50	93
Recovered (WtE)	145.90	7
Disposed (landfill)	0.00	0
TOTAL	542.46	100



This data can be used to demonstrate compliance with the Waste Directive 2011 regarding the application of the 'Hierarchy of Waste'.

CARBON EMISSIONS (GHG PROTOCOL)

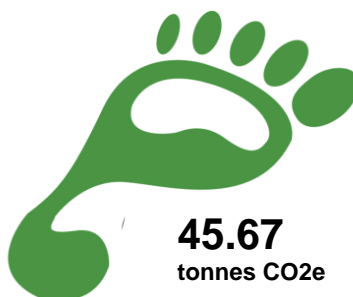
This data has been provided to enable clients to report against Green House Gas (GHG) Protocol for Scope 3 reporting (indirect emissions).

The system the McGrath Group has developed which calculates the equivalent carbon emissions for each activity in the entire waste management process has been independently accredited to International Standard ISO 14064 Part 3 (Specification with guidance for the validation and verification of greenhouse gas assertions).

Gross carbon data should be used for the GHG reporting inventory. Net carbon data includes the emissions saved by re-processing waste materials instead of landfilling.

For more information visit www.mcgrathgroup.co.uk/GHG-reporting

GROSS CARBON



NET CARBON



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MATERIAL TRACKER

MATERIAL	METHODOLOGY
Aerosols	Cardboard and plastic packaging is removed and the propellant gas is captured and processed for re-use and a secondary fuel
Batteries	Batteries collected in bespoke containers provided by McGrath are segregated by type at the MRF and their constituent materials separated, reclaimed and individually recycled
Bricks	Good quality bricks are recovered, cleaned, reconstituted and re-sold to a brick merchant. Lower quality items are crushed for use as aggregate
Cardboard	Cardboard waste is segregated into grades, pulped, screened, contaminants removed and the residue is reconstituted for use in packaging and other applications
Concrete	Concrete is recycled by crushing, which, by using the WRAP protocol can produce certificated aggregates that can be re-used as infill, sub-base etc
Clinical Waste	Materials are treated in a specialist facility - either sterilised in an autoclave and re-used or incinerated and disposed under controlled conditions
Confidential waste	Materials collected in secure containers are destroyed (dismantled or shredded) on-site or off-site and a certificate issued. Shredded paper –based confidential waste is recycled
Fluorescent Lamps	Used flue-tubes are crushed in a bespoke machine which safely separates the glass, mercury and phosphorus powder which are collected and re-used
Food	Contaminates (packaging) are segregated and the residues either combusted to produce steam and/or electricity or processed into methane by anaerobic digestion
Glass	Glass waste is crushed and assimilated into our aggregates processing system to produce high grade recycled material for construction and civil engineering use
Green waste	Green waste is composted. Materials are sorted and graded by size, shredded and enzymes added to accelerate biodegrading
Metals	Metals are segregated by type then re-processed, typically by melting and recasting them into high quality manufacturing feedstock
Paint	Waste paints that cannot be re-used are bulked and processed; water-based paint is composted; solvent-based paint is cooked and residues sent to landfill.
Paper	Paper products are segregated into different grades then re-processed by pulping/screening into new low-grade products e.g. toilet paper, newspaper etc
Plasterboard	Paper and metal contaminants are removed from wastes and assimilated into recycling streams while the gypsum core is crushed and used as manufacturing feedstock for new plasterboard products
Soils	Material is decontaminated at our soil washing facility: larger items are assimilated into aggregate stockpiles; silt residue is collected and used for landscaping and restoration projects
Textiles	Materials unsuitable for re-use are graded according to fibre type and colour then shredded, carded to clean/mix the fibres and re-spun
Tyres	Metals and other contaminants are removed and the rubber is shredded into various sizes for re-use as surfacing and for civil engineering applications
Waste Electronic & Electrical Equipment	Recycling takes place at Authorised Treatment Facilities (ATFs) involving secure techniques e.g. depollution, disassembly, shredding, recovery etc
Wood	Contaminants are removed and the residues are either shredded and reconstituted into new timber products or combusted to produce energy depending upon their grade

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TRANSACTIONAL ANALYSIS

	Customer	Site	Material	Weight	Date	Recycled (%)	Ticket	Cont Type	Type
4473267	A N Other Contractors	Greenwich Pump House	RubbishCon	56.78	01/05/16	99.0	1411878	14CY	Exchange
4502363	A N Other Contractors	Berry Road	Metal	12.50	01/05/16	100	1423478	CB	Collection
1512890	A N Other Contractors	Greenwich Pump House	Glass	5.78	01/05/16	98.5	1426792	14CY	Exchange
1523409	A N Other Contractors	Victoria Station	Metal	12.56	01/05/16	99.8	1431077	14CY	Collection
4473267	A N Other Contractors	Greenwich Pump House	RubbishCon	56.78	03/05/16	99.0	1411878	14CY	Exchange
4502363	A N Other Contractors	Berry Road	Metal	12.50	03/05/16	100	1423478	CB	Collection
1512890	A N Other Contractors	Greenwich Pump House	Glass	5.78	03/05/16	98.5	1426792	14CY	Exchange
1523409	A N Other Contractors	Victoria Station	Metal	12.56	04/05/16	99.8	1431077	14CY	Collection
4473267	A N Other Contractors	Greenwich Pump House	RubbishCon	56.78	04/05/16	99.0	1411878	14CY	Exchange
4502363	A N Other Contractors	Berry Road	Metal	12.50	04/05/16	100	1423478	CB	Collection
1512890	A N Other Contractors	Berry Road	Glass	5.78	05/05/16	98.5	1426792	14CY	Exchange
1523409	A N Other Contractors	Victoria Station	Metal	12.56	05/05/16	99.8	1431077	14CY	Collection
4473267	A N Other Contractors	Greenwich Pump House	RubbishCon	56.78	05/05/16	99.0	1411878	14CY	Exchange
4502363	A N Other Contractors	Berry Road	Metal	12.50	08/05/16	100	1423478	CB	Collection
1512890	A N Other Contractors	Greenwich Pump House	Glass	5.78	08/05/16	98.5	1426792	14CY	Exchange
1523409	A N Other Contractors	Greenwich Pump House	Metal	12.56	08/05/16	99.8	1431077	14CY	Collection
4473267	A N Other Contractors	Greenwich Pump House	RubbishCon	56.78	08/05/16	99.0	1411878	14CY	Exchange
4502363	A N Other Contractors	Berry Road	Metal	12.50	09/05/16	100	1423478	CB	Collection
1512890	A N Other Contractors	Greenwich Pump House	Glass	5.78	09/05/16	98.5	1426792	14CY	Exchange
1523409	A N Other Contractors	Greenwich Pump House	Metal	12.56	10/05/16	99.8	1431077	14CY	Collection
4473267	A N Other Contractors	Greenwich Pump House	RubbishCon	56.78	11/05/16	99.0	1411878	14CY	Exchange
4502363	A N Other Contractors	Berry Road	Metal	12.50	11/05/16	100	1423478	CB	Collection
1512890	A N Other Contractors	Greenwich Pump House	Glass	5.78	11/05/16	98.5	1426792	14CY	Exchange
1523409	A N Other Contractors	Victoria Station	Metal	12.56	11/05/16	99.8	1431077	14CY	Collection
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4502363	A N Other Contractors	Greenwich Pump House	Metal	12.50	15/05/16	100	1423478	CB	Collection
1512890	A N Other Contractors	Greenwich Pump House	Glass	5.78	15/05/16	98.5	1426792	14CY	Exchange
1523409	A N Other Contractors	Victoria Station	Metal	12.56	15/05/16	99.8	1431077	14CY	Collection
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4502363	A N Other Contractors	Berry Road	Metal	12.50	16/05/16	100	1423478	CB	Collection
1512890	A N Other Contractors	Greenwich Pump House	Glass	5.78	16/05/16	98.5	1426792	14CY	Exchange
1523409	A N Other Contractors	Victoria Station	Metal	12.56	16/05/16	99.8	1431077	14CY	Collection
4473267	A N Other Contractors	Greenwich Pump House	RubbishCon	56.78	19/05/16	99.0	1411878	14CY	Exchange
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1512890	A N Other Contractors	Greenwich Pump House	Glass	5.78	19/05/16	98.5	1426792	14CY	Exchange
1523409	A N Other Contractors	Victoria Station	Metal	12.56	20/05/16	99.8	1431077	14CY	Collection
4473267	A N Other Contractors	Greenwich Pump House	RubbishCon	56.78	20/05/16	99.0	1411878	14CY	Exchange
4502363	A N Other Contractors	Berry Road	Metal	12.50	24/05/16	100	1423478	CB	Collection
1512890	A N Other Contractors	Greenwich Pump House	Glass	5.78	24/05/16	98.5	1426792	14CY	Exchange
1523409	A N Other Contractors	Victoria Station	Metal	12.56	24/05/16	99.8	1431077	14CY	Collection
4473267	A N Other Contractors	Victoria Station	RubbishCon	56.78	24/05/16	99.0	1411878	14CY	Exchange
4502363	A N Other Contractors	Berry Road	Metal	12.50	25/05/16	100	1423478	CB	Collection
1512890	A N Other Contractors	Greenwich Pump House	Glass	5.78	25/05/16	98.5	1426792	14CY	Exchange
1523409	A N Other Contractors	Victoria Station	Metal	12.56	25/05/16	99.8	1431077	14CY	Collection
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4502363	A N Other Contractors	Berry Road	Metal	12.50	25/05/16	100	1423478	CB	Collection
1512890	A N Other Contractors	Greenwich Pump House	Glass	5.78	26/05/16	98.5	1426792	14CY	Exchange
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4473267	A N Other Contractors	Victoria Station	RubbishCon	56.78	26/05/16	99.0	1411878	14CY	Exchange
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4502363	A N Other Contractors	Berry Road	Metal	12.50	27/05/16	100	1423478	CB	Collection
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INDUSTRY UPDATES



EA rejects '65%' of fire prevention plans

06 June 2016

The Environment Agency has rejected 65% of Fire Prevention Plans submitted by waste operators since July 2015, the regulatory body has revealed

source **Lets Recycle**



European Parliament urged to back 70% municipal recycling rate

04 June 2016

The European Parliament is being recommended to back for higher municipal recycling targets and the introduction of goals for trade waste in its draft response to the proposed circular economy (CE) package...

source **MRW**



**GREEN
COMPASS**
Giving Waste Direction

McGrath achieves Green Compass PAS 402 accreditation

23 May 2016

Following an independent audit and assessment at the start of this year, the McGrath Group has achieved the waste resource accreditation PAS 402:2013, through the Green Compass Scheme...

source **McGrath Group**



Member states slash EU emissions by 24%

11 May 2016

Ahead of the European Union (EU) referendum date later this week, new figures have revealed that total EU greenhouse gas (GHG) emissions have plummeted to record lows...

source **Edie Newsroom**



Interserve Expects £70m Hit From Glasgow EfW Delays

06 May 2016

Interserve has said that it expects a £70m exceptional contract provision to be taken in the first half of 2016 caused by "a further deterioration in our Glasgow energy from waste contract"....

source **CIWM Journal**



New analysis of UK recovered plastics gives clarity to market situation

22 March 2016

The latest data and in-depth information about UK plastics recycling and reprocessing is published today in an updated Plastics Market Situation Report....

source **WRAP**

For latest news from the industry and the McGrath Group please visit our website www.mcgrathgroup.co.uk