


ENVIRONMENTAL MONTHLY REPORT (EMR)

Project Number	KB_945
Project Name	Earls Court
Project Location	Warwick Road, SW5 9TA
Document Title	Monthly Environmental Report
Document Reference	KBY_945_EMR_030
Communication Type	Email
Communicated To	Keltbray Ltd / CAPCO / G&T

Status of this Report

Overall Approval Status	Yes	No	Date
CAT A – Accepted and approved	X		18/07/2017
SIGN OFF BY	Print Name	Sign	Date
(Project Manager):	Mick Kelly		18 07 2017

Document Controlling

Report N°	Date	Document Reference	Prepared By	Approved By
001	17/02/15	KBY_945_EMR_001-rev 00	KB – Ana Cunha	Mick Kelly
001	22/04/15	KBY_945_EMR_001-rev 01	KB – Ana Cunha	Mick Kelly
001	10/06/15	KBY_945_EMR_001-rev 02	KB – Ana Cunha	Mick Kelly
002	17/03/15	KBY_945_EMR_002-rev 00	KB – Ana Cunha	Mick Kelly
002	22/04/15	KBY_945_EMR_002-rev 01	KB – Ana Cunha	Mick Kelly
002	10/06/15	KBY_945_EMR_003-rev 02	KB – Ana Cunha	Mick Kelly
003	28/04/15	KBY_945_EMR_003-rev 00	KB – Ana Cunha	Mick Kelly
003	10/06/15	KBY_945_EMR_003-rev 01	KB – Ana Cunha	Mick Kelly
004	22/05/15	KBY_945_EMR_004-rev 00	KB – Ana Cunha	Mick Kelly
005	17/06/15	KBY_945_EMR_005-rev 00	KB – Ana Cunha	Mick Kelly
006	17/07/15	KBY_945_EMR_006-rev 00	KB – Ana Cunha	Mick Kelly
007	13/08/15	KBY_945_EMR_007-rev 00	KB – Ana Cunha	Mick Kelly
008	08/09/15	KBY_945_EMR_008-rev 00	KB – Ana Cunha	Mick Kelly
009	08/10/15	KBY_945_EMR_009-rev 00	KB – Ana Cunha	Mick Kelly
010	23/11/15	KBY_945_EMR_010-rev 00	KB – Ana Cunha	Mick Kelly
011	16/12/15	KBY_945_EMR_011-rev 00	KB – Ana Cunha	Mick Kelly
012	15/01/16	KBY_945_EMR_012-rev 00	KB – Ana Cunha	Mick Kelly
013	24/02/16	KBY_945_EMR_013-rev 00	KB – Ana Cunha	Mick Kelly
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019	23/08/16	KBY_945_EMR_019-rev 00	KB – Ana Cunha	Mick Kelly
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021	18/10/16	KBY_945_EMR_021-rev 00	KB – Ana Cunha	Mick Kelly
022	29/11/16	KBY_945_EMR_022-rev 00	KB – Ana Cunha	Mick Kelly
023	10/01/17	KBY_945_EMR_023-rev 00	KB – Ana Cunha	Mick Kelly
024	20/01/17	KBY_945_EMR_024-rev 00	KB – Ana Cunha	Mick Kelly
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026	27/03/17	KBY_945_EMR_026-rev 00	KB – Ana Cunha	Mick Kelly
027	28/04/17	KBY_945_EMR_027-rev 00	KB – Ana Cunha	Mick Kelly
028	26/05/17	KBY_945_EMR_028-rev 00	KB – Ana Cunha	Mick Kelly
029	20/06/17	KBY_945_EMR_029-rev 00	KB – Ana Cunha	Mick Kelly
030	18/07/17	KBY_945_EMR_030-rev 00	KB – Ana Cunha	Mick Kelly

Electronic filing location

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Abbreviations/Definitions

The abbreviations and definitions listed below apply to this document:

PM	Project Management
EA	Environment Agency
Sustainable development	“Development that meets the needs of the present without compromising the ability of future generations to meet their own needs” (from the Bruntland Report).
BREEAM	Is an assessment method and rating system for buildings and sets the standard for best practice in sustainable building design, construction and operation. It is one of the most comprehensive and widely recognised measures of a building's environmental performance.
LEED	‘Leadership in Energy & Environmental Design’ is a green building certification program that rates building strategies and practices through stages of design, construction, operation and maintenance.

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IN MAY 2017, APPROXIMATELY 560T (BALLAST) REUSED TO BUILD THE ACCESS RAMP TO CRANE PLATFORM AND LANDING PADS FOR PORTAL BEAMS. THIS MATERIAL WAS CRUSHED ON SITE USING DEMOLITION ARISING FROM EC1 DEMOLITION	18
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1. INTRODUCTION

Keltbray Limited has been appointed to carry out the demolition and associated works at Earls Court.

1.1. Scope of works:

The general scope of works spans from site establishment works and includes but is not limited to the following:

Summary of EC1 works

- Completion of the deconstruction from top of ground floor slab to top of lowest ground bearing slab (top of basement slab);
- Demolition of the old entrances (known as the nodes) on Warwick Road and West Brompton Road.
- Removal of 61 portal beams spanning over the district rail tunnels. Works involve:
 - Investigation works, Removal of basement slab structures excavation, excavation and formation of crane and working platforms, rigging of AL.190 Super crane,
 - Cutting of supporting columns, lifting and removal of beams, processing and removal of beams, derigging AL.190 super crane and removal from site.

Summary of EC2 works

- Earls Court 2 demolition is complete, however the area is still part of the site and is used for processing and storage of demolition arisings and materials.

1.2. The information contained in this report is provided for compliance illustration with company and project sustainability, environmental objectives and targets.

1.3. This report addresses the following environmental project records

1.3.1. Diesel and Hydraulic Oil Usage on site

1.3.2. Carbon Dioxide (CO₂) Emissions

1.3.3. Waste Removal/Disposal/Recycling Quantities

1.3.4. Timber and Other Material Deliveries

1.4. This environmental report is prepared on a monthly basis and is issued approximately mid-month following that to which it relates.

2. Diesel, Oils and Energy Consumption

2.1. Summary of Diesel and Oils Usage

Summary of Diesel usage	
	Diesel (Litres)
Total Diesel used since start of project	1022002
Diesel in Period covered by this report	34361

2.2. Summary of Energy Consumption

Summary of Electricity usage	
	Electricity (kWh)
Total Electricity used since start of project	24613749.5
Electricity in Period covered by this report	14740.9

Usage based on utility bills

The figures are estimated by the supplier (Consumption under investigation)

3. Water Consumption Arising from Site Activities

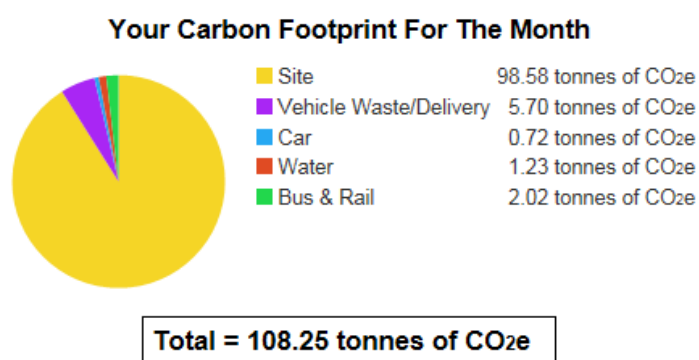
3.1. Summary of Water Usage

Summary of Water Usage	
	Water units m3
Total Water used since start of project	40201
Water in Period covered by this report	1172

4. CO₂ Emissions Recorded on the Carbon Tracker Tool

4.1. *Total CO₂ Emissions for the month*

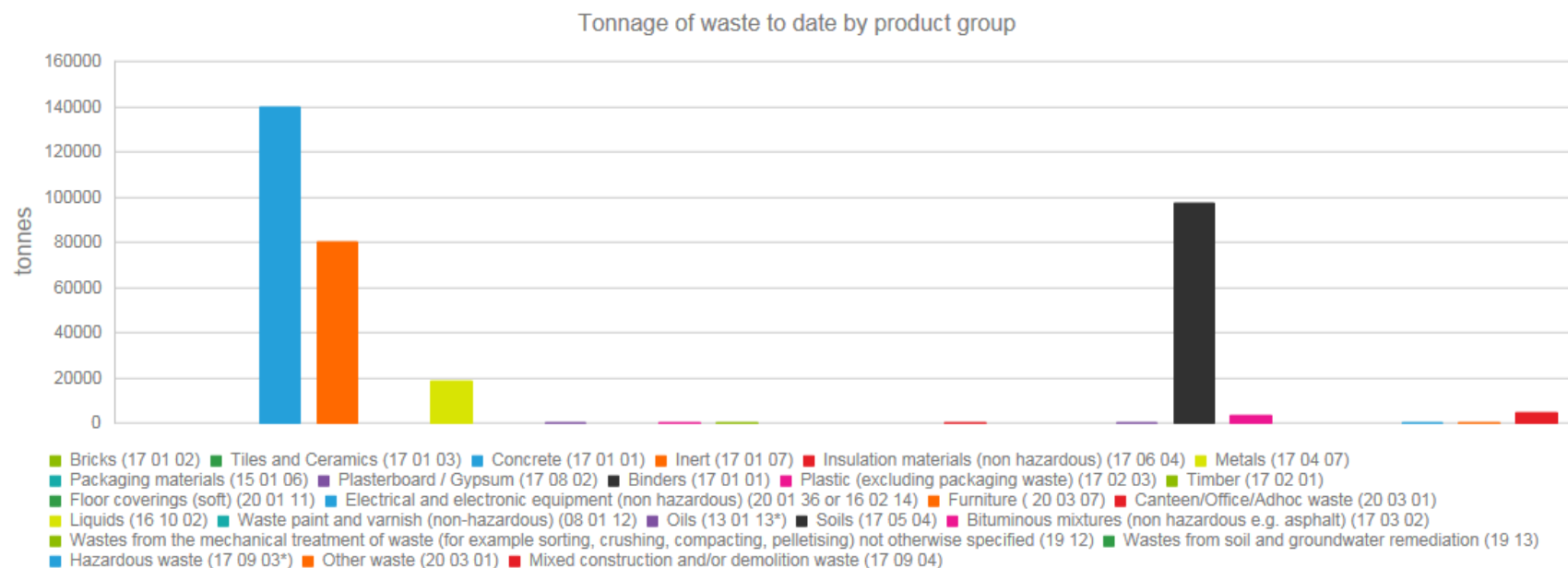
Carbon Emissions for June 2017



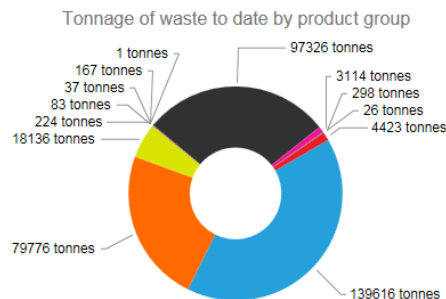
5. Waste Removal/Disposal

Waste disposal is in accordance with the Site Waste Management Plan (SWMP) and is entered onto the SMARTWaste online reporting tool. Records of waste removals are included within this report are Monthly and the Cumulative Project Summary.

Tonnage of waste to date by product group

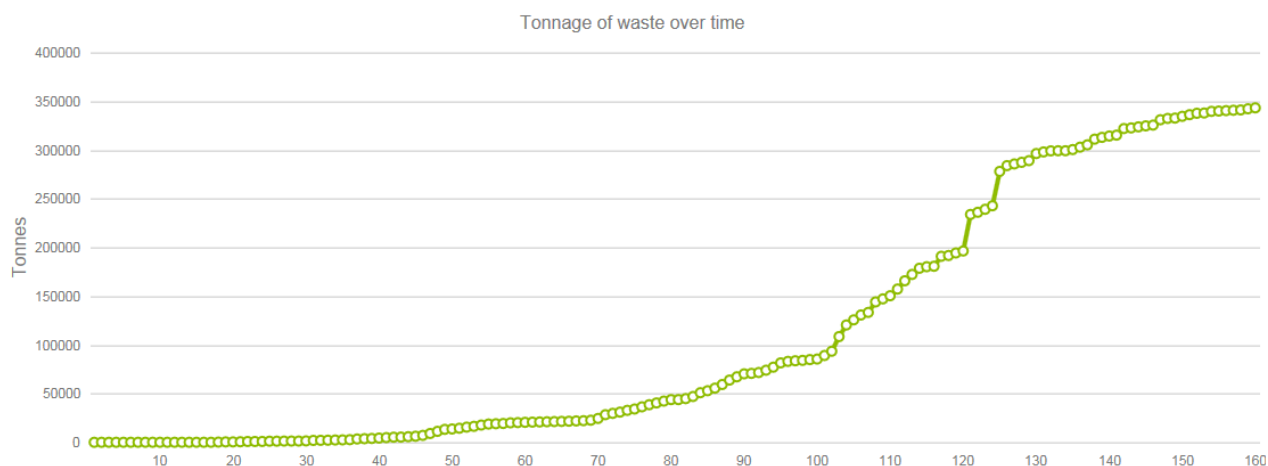


Tonnage of waste to date by product group



Bricks (17 01 02) Tiles and Ceramics (17 01 03) Concrete (17 01 01) Inert (17 01 07) Insulation materials (non hazardous) (17 06 04) Metals (17 04 07)
Packaging materials (15 01 06) Plasterboard / Gypsum (17 08 02) Binders (17 01 01) Plastic (excluding packaging waste) (17 02 03) Timber (17 02 01)
Floor coverings (soft) (20 01 11) Electrical and electronic equipment (non hazardous) (20 01 36 or 16 02 14) Furniture (20 03 07) Canteen/Office/Adhoc waste (20 03 01)
Liquids (16 10 02) Waste paint and varnish (non-hazardous) (08 01 12) Oils (13 01 13*) Soils (17 05 04) Bituminous mixtures (non hazardous e.g. asphalt) (17 03 02)
Wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelleting) not otherwise specified (19 12) Wastes from soil and groundwater remediation (19 13)
Hazardous waste (17 09 03*) Other waste (20 03 01) Mixed construction and/or demolition waste (17 09 04)

Tonnage of waste over time



The licenses for all waste carriers used as well as the receiving waste treatment facilities are included in Appendix 1.

5.1. Waste Quantities for Period Covered by this report – June 2017

Project Performance	Tonnage	Mixed	Segregated	Waste management routes percentages				
	(tonnes)	(%)	(%)	Reuse	Recovery	Direct Recycle	Landfilled	Energy Recovery
Inert (17 01 07)	2682.00	0	100	0	0	100	0	0
Metals (17 04 07)	540.00	0	100	0	0	100	0	0
Canteen/Office/Adhoc waste (20 03 01)	9.00	0	100	0	0	100	0	0
Mixed construction and/or demolition waste (17 09 04)	32.00	100	0	0	99	0	0	2

5.2. Waste Quantities for the Project to Date

Project Performance	Tonnage	Mixed	Segregated	Waste management routes percentages				
	(tonnes)	(%)	(%)	Reuse	Recovery	Direct Recycle	Landfilled	Energy Recovery
Concrete (17 01 01)	139616.00	0	100	98	0	2	0	0
Inert (17 01 07)	79776.00	0	100	0	0	100	0	0
Metals (17 04 07)	18136.00	0	100	0	0	100	0	0
Plasterboard / Gypsum (17 08 02)	224.00	0	100	0	0	100	0	0
Plastic (excluding packaging waste) (17 02 03)	83.00	1	99	0	0	100	0	0
Timber (17 02 01)	37.00	0	100	0	0	100	0	0
Electrical and electronic equipment (non-hazardous) (20 01 36 or 16 02 14)	0.01	100	0	0	0	0	100	0
Canteen/Office/Adhoc waste (20 03 01)	167.00	2	98	0	6	93	1	0
Waste paint & varnish (non-hazardous) (08 01 12)	0.17	100	0	0	0	0	100	0

Project Performance	Tonnage	Mixed	Segregated	Waste management routes percentages				
	(tonnes)	(%)	(%)	Reuse	Recovery	Direct Recycle	Landfilled	Energy Recovery
Oils (13 01 13*)	1.15	100	0	0	0	0	100	0
Soils (17 05 04)	97326.00	0	100	91	0	7	2	0
Bituminous mixtures (non-hazardous e.g. asphalt) (17 03 02)	3114.00	0	100	0	0	100	0	0
Hazardous waste (17 09 03*)	298.50	44	56	0	0	0	100	0
Other waste (20 03 01)	26.48	6	94	0	0	99	1	0
Mixed construction and/or demolition waste (17 09 04)	4423.00	100	0	0	89	0	10	0

6. Crane Base Works

Crushed Concrete Reuse on site	
Month	Tones
May 2016	10,000
June 2016	4,000
August 2016	10,000
September 2016	36,000
October 2016	30,000
November	5,000

Soil & Stone Waste Facilities and Quantities

[illegible]

Contaminated Soil & Stone with Asbestos Waste Facilities and Qualities						
REF	Month	Number of Loads	Tones	Waste facility	Permit Number	Observations
1	June 2016	13	234	FCC Bletchey - WRG Waste Services	BM46351H	All waste transfer notes had as description of waste Contaminated Soil & Stone Less the 0.01%.
2	August 2016	21	378			
3	September 2016	59	1062	FCC Calvert - WRG Waste Services	EPR/BS8605IQ	
4	October 2016	0	0	-	-	All waste removed from site was inert material
5	November 2016	11	198	FCC Calvert - WRG Waste Services	EPR/BS8605IQ	All waste transfer notes had as description of waste Contaminated Soil & Stone Less the 0.01%.
6	December 2016	14	252	FCC Calvert - WRG Waste Services	EPR/BS8605IQ	All waste transfer notes had as description of waste Contaminated Soil & Stone Less the 0.01%.
7	January 2017	0	0	-	-	All waste removed from site was inert material
8	February 2017	0	0	-	-	All waste removed from site was inert material
9	March 2017	0	0	-	-	All waste removed from site was inert material
10	April 2017	0	0	-	-	All waste removed from site was inert material
11	May 2017	0	0	-	-	All waste removed from site was inert material
12	June 2017	0	0	-	-	All waste removed from site was inert material

Ref 1: Visible ACM on Stockpile B was hand-picked by Keltbray operatives (and still on site for later collection), following which thirteen loads of residual soil were disposed offsite to FCC Bletchley

Ref 2: Chrysotile fibres were detected in Pond SP-1 after being tested and quantified as 0.019% concentration. Also concentration of PAH and TPH that exceeded the thresholds for an inert permitted landfill were found in Pond SP-2. Both SP1 and SP2 are part of the same location Pound SP which was disposed to FCC Bletchley (21 loads in August 16).

Ref 3: Two samples, Batter-3 and Batter-4 returned elevated concentrations of lead and zinc. In addition Batter-3 returned low levels (<0.01%) of asbestos fibres. Both locations were disposed to FCC Calvert (59 loads in September 16).

Ref 4: No Hazardous or contaminated soil was removed from site during period covered by this report.

Ref 5: On the 31.10.2016 during the excavation at the S end of the batter to tunnel 2 adjacent to the access ramp, fragments of cement bonded sheeting were encountered within the made ground. This material was excavated out, segregated and placed into a quarantine stockpile area in EC2 until there was no further visual evidence of ACM impacted soils. The material was carefully spread out to allow trained asbestos operatives to hand pick the fragments of ACM tile from the stockpile. Handpicked ACM is currently stored on site for a late disposal towards the end of the project. The quarantine stockpile of the remaining soil was classified as soil and stones containing low level asbestos (LoW Code 170504). On 22/11/2016 and 28/11/2016, eleven loads were disposed offsite as non-hazardous waste to FCC Calvert. A summary of the waste transfer notes is presented in Terragen's report, Appendix D. Also included in the 11 loads were the general arisings from the excavations to the batter of Tunnel 2 (moved to EC2 in October for further disposal) that had returned with slightly elevated concentrations of leachable antimony, leachable selenium, TDS and sulphate that exceeded the respective threshold limits of an inert permitted landfill.

Ref 6: Remaining loads from EC2 quarantine stockpile located in EC2 (relocated general arisings from the excavation at the S end of the batter to tunnel 2 adjacent to the access ramp), containing low level of asbestos (LoW Code 170504) and slightly elevated concentrations of leachable antimony, leachable selenium, TDS and sulphate that exceeded the respective threshold limits of an inert permitted landfill (14 loads removed to FCC Calvert).

Ref 7: No Hazardous or contaminated soil was removed from site during period covered by this report. One sample from portal beams P14-10 returned with a slightly elevated concentration of leachable antimony and two more sample from portal beams P34-33 and P17-20 also returned with a slightly elevated concentration of leachable sulphate. All samples exceeded the thresholds of an inert facility and the material was excavated out and placed into to quarantine stockpile area in EC2 for later collection.

During the localised excavations, fragments of cement bonded sheeting were encountered within the made ground around Portal Beams 11-13. This material was excavated out, segregated and placed into a quarantine stockpile area in EC2 until there was no further visual evidence of ACM

impacted soils. The material was carefully spread out to allow trained operative to hand pick the fragments of ACM tile from the stockpile and is stored on skip on site for later collection.

Ref 8: No Hazardous or contaminated soil was removed from site during period covered by this report.

The general arisings from the localized excavations around the portal beams 37-39 (Tunnel 3) after testing have been classified as uncontaminated soil suitable for disposal to an inert permitted facility.

During the localised excavations, fragments of cement bonded sheeting were encountered within the made ground around Portal Beams 27-29 (Tunnel 2). Excavations in this area were carried out under the supervision of trained asbestos operatives who hand-picked the fragments of ACM tile from the excavation arisings and stored on skip on site for later collection. The soils were segregated and placed into a quarantine stockpile area in EC2 until there was no further visual evidence of ACM impacted soils.

A representative soil sample was recovered from the arisings between Portal Beams 27-29 being transferred to the stockpile in EC2. No asbestos was observed or detected in the sample and chemically the soil was free from significant contamination with low concentrations of a wide range of potential contaminants. The sample returned slightly elevated leachable concentrations of mercury, molybdenum and sulphate that exceeded the threshold limits of an inert facility. The soil was classified as uncontaminated soil and stones suitable for disposal to a non-hazardous landfill.

Two samples from the excavations around the portal beams 58-59 (Tunnel 1) were recovered and no asbestos was observed or detected.

After testing the general arisings from the localized excavations around the portal beams 27-29 have been classified as uncontaminated soil suitable for disposal to an inert permitted facility.

Ref 9: No Hazardous or contaminated soil was removed from site during period covered by this report.

The general arisings from the localized excavations around the portal beams 21-23 (Tunnel 4) and portal beams 60-61 (Tunnel 1) after testing have been classified as uncontaminated soil suitable for disposal to an inert permitted facility.

Ref 10: On the 18 & 19.04.2017 during the localized excavations, Fragments of cement bounded sheeting were encountered within made ground around Portal Beam 35. Excavations in this area were carried out under the supervision of trained asbestos operatives who handpicked the fragments of ACM tile from the excavations arisings. The soils were segregated and placed into quarantine stockpile in EC2 until there was no further visual evidence of ACM impacted soil.

The quarantine stock pile was tested and came back with no asbestos been detected and chemically the soils were free from significant contamination. One of the samples was submitted for WAC testing and returned with concentrations of leachable antimony and sulphate that exceeded the respective thresholds for an inert facility. The stockpile has been classified as uncontaminated soil and stone, requiring disposal to a non-hazardous permitted site/facility.

A representative sample of the tile (ACM fragment) was recovered and submitted for identification. The results came back confirming the cement sheet to contain chrysotile asbestos fibres, therefore classified as hazardous waste and should be disposed of as insulation material containing asbestos (Low Code 17 06 01*).

Ref 11: No Hazardous or contaminated soil was removed from site during period covered by this report.

Ref 12: No Hazardous or contaminated soil was removed from site during period covered by this report.

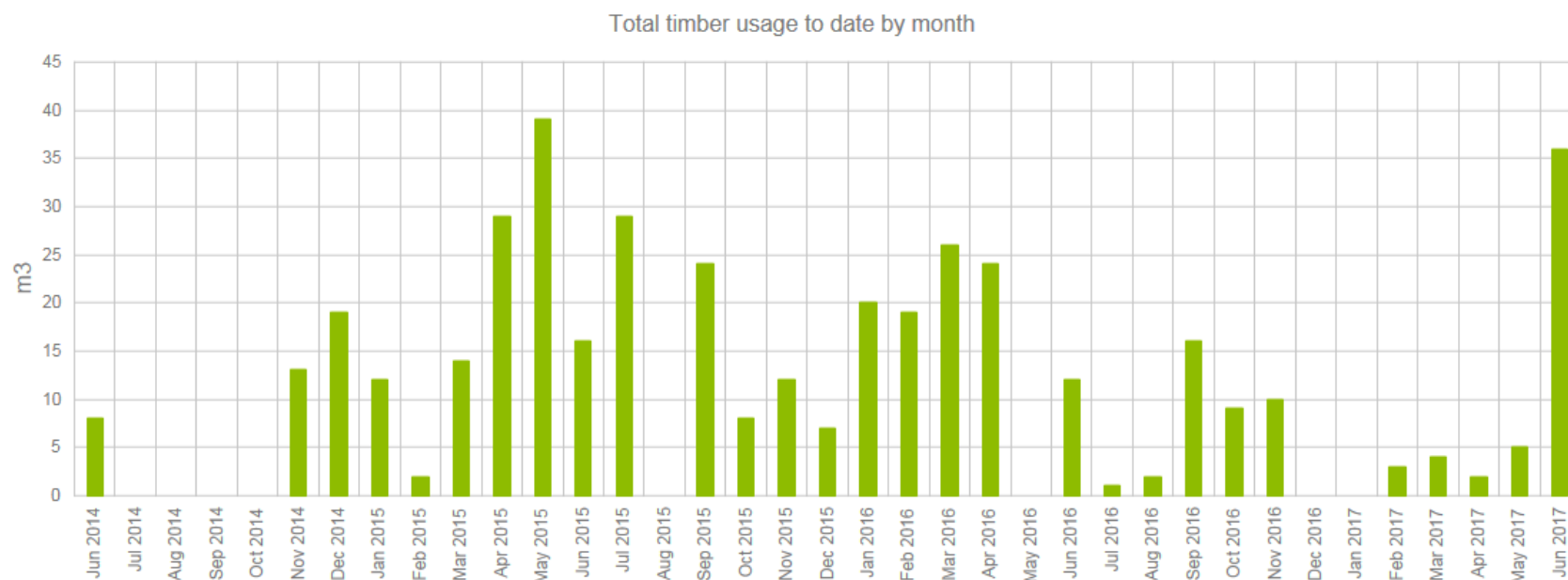
7. Super Crane Ballast & Test Lift Ballast

In June 2017, approximately 560T (Ballast) reused to build the landing pads for portal beams. This material was crushed on site using demolition arising from EC1 demolition.

8. Timber and Other Deliveries

All timber use by Keltbray on the Earls Court is FSC certified as per our Timber Procurement Policy, copy of our suppliers FSC certificate are available in the office.

Total timber usage to date by month



9. Appendices

9.1. Appendix 1 – Table of Waste Carriers & Treatment

Waste carriers used and their licenses, as well as the receiving waste treatment and landfill facilities.

Waste Carrier	Waste Carrier's License	Date of Expiry of registration	Checked with Environment Agency Records
Keltbray Haulage	CBDU84378	17.02.2019	18.07.2017
PML	CBDU145192	16.02.2020	18.07.2017
Quattro	CBDU145950	07.01.2020	18.07.2017
EMR	CB/ZE5607KJ	21.08.2017	18.07.2017
S. Walsh & Son	CBDU93666	01.04.2019	18.07.2017
K.H. Haulage	CB/PE5501FW	01.08.2017	18.07.2017
L&B Haulage & Civil Engineering Contractors Ltd	CBDU104100	13.05.2019	18.07.2017
X-Bert Haulage	CBDU140814	13.11.2019	18.07.2017
PJC Sweepers	CBDU76417	02.12.2018	18.07.2017
Boiler & Plant Dismantlers, Ltd	CBDU94012	01.04.2019	18.07.2017

G J Bowmer Ltd	CBDU98031	02.04.2019	18.07.2017
Brocks	CBDU91453	01.04.2019	18.07.2017
D.M.Haulage	CBDU184219	27.06.2020	18.07.2017
Hornbees	CB/FE5705RG	27.09.2017	18.07.2017
Ovenden	CBDU98852	01.04.2019	18.07.2017
Recycled Materials Supplies Ltd	CBDU149396	09.01.2020	18.07.2017
Llynch, Ltd	CBDU93685	04.04.2019	18.07.2017
Seneca	CB/DU162955	17.03.2020	18.07.2017
Thames Materials Ltd – TML	CBDU113446	17.07.2019	18.07.2017
W. Humphreys Transport	CB/QE5899XR	28.01.2018	18.07.2017
Power Day	CBDU123332	12.09.2019	18.07.2017
Paramount	CBDU123027	08.08.2019	18.07.2017
G F Gordon	CB/XM3887VT	23.04.2018	18.07.2017
Alan Few & Co	CB/DU56059	06.07.2018	18.07.2017
Kent Materials Services	CBDU74829	26.03.2018	18.07.2017

Morari Services	CB/HM3783TU	27.07.2017	18.07.2017
DAFCON	CBDU137488	25.10.2019	18.07.2017
CWB Transport	CB/DE5702VL	25.08.2017	18.07.2017
A.J. UK Ltd	CBDU101553	09.04.2019	18.07.2017
H&H Haulage	CBDU66496	27.10.2018	18.07.2017
Normand Road Haulage	CBDU76609	17.02.2019	18.07.2017
PB Donoghue	CB/WM3546FM	21.09.2017	18.07.2017
Primagrang	CBDU86534	17.02.2019	18.07.2017
Supple Transport	CB/BE5003YV	16.11.2017	18.07.2017
S C Boyce Haulage	CBDU179544	11.06.2020	18.07.2017
Select Haulage	CBDU133649	24.09.2019	18.07.2017
Wembley Group	CBDU119702	28.07.2019	18.07.2017
SWS Transport	CB/TE5943GN	09.10.2017	18.07.2017
B L Penwarden	CBDU82262	17.02.2019	18.07.2017
Evolution Haulage	CB/GE5546GQ	30.10.2017	18.07.2017

P J Leonard	CB/EM3781BM	10.01.2020	18.07.2017
ACR Tipping Services	CBDU50457	04.06.2018	18.07.2017
Ground Recycling	CBDU94733	11.03.2019	18.07.2017
O'Connor Plant Hire Ltd	CBDU53869	22.06.2018	18.07.2017
Essex Trucks Ltd	CB/GE5841HD	16.02.2018	18.07.2017
Kered Enviro Ltd	CBDU151141	16.01.2020	18.07.2017

Waste Facility	Waste Facilities' Permit	Checked with Environmental Agency Records
X - Bert Haulage Limited	ZP3497NS/V002	20.06.2017
Hinkcroft Transport Limited	EPR/NP3490EE	20.06.2017
Veolia Rainham	EP3136GK/V002	20.06.2017
EMR – Canning Town	T/NE/MAY043	20.06.2017
EMR - Wandsworth	EPR/RP3890EL	20.06.2017
EMR - Brentford	EAWML80370	20.06.2017
EMR – Scrubs Lane, Neasden	EAWML80371	20.06.2017
Ingrebourne Valley Ltd Rainham, Essex	DP3794ER/A001	20.06.2017
Recycled in Orsett Ltd	EPR/NP3696EG	20.06.2017
Keltbray AWS - Mohawk Warf	EPR/FP3092LH	20.06.2017
Keltbray Environmental Ltd - Dagenham	EPR/KB3532AM	20.06.2017
Docklands Waste Recycling Ltd	EAWML80784	20.06.2017
Brett Aggregates Hithermoor	KP3230ES	20.06.2017
Brett Aggregates Queen Mary Reservoir	EB3732RR/A001	20.06.2017

RMS Silvertown	KB3136AM	20.06.2017
Brett Aggregates, Home Farm	JP3332SY	20.06.2017
Boiler & Plant Dismantlers, Ltd Clapgate, Unit 1, Brentwood	EPR/SE5958WV/A001	20.06.2017
Charles Morris Fertilizers Ltd Hythe End Farm	EPR/AF0905KD/A001	20.06.2017
Charles Morris Fertilizers Ltd Oak Leaf Farm	EPR/AF0305KK/A001	20.06.2017
Charles Morris Long Lane	HP3190EL/V003	20.06.2017
Thames Materials Ltd – TML	EPR/BB3709TU	20.06.2017
G J Bowmer Ltd	SP3294NT	20.06.2017
Pinden Quarry Ltd	BV1674IL	20.06.2017
Fowles Ltd	WML80741	20.06.2017
S Walsh & Son Ltd	EPR/SP3439LE	20.06.2017
O'Hara Bros Aggregates	OB/05784-03	20.06.2017
Brett Aggregates Pinewood	WP3232LB	20.06.2017
L&B Waste Disposal	WML80361	20.06.2017
Biffa Redhill	BU8126	20.06.2017

Cappagh Stanwell	EPR/MB3139RU	20.06.2017
Power Day, Willesden	PP3093EE/V005	20.06.2017
Heygate Estate Project	EPR/FF0401PC/A001	20.06.2017
Battersea Power Station KB Site	EPR/UF0601NU	20.06.2017
BBC Television Centre Project	EPR/SF0508EX/A001	20.06.2017
Chelsea Barracks Project	EPR/RE5781YS/A001	20.06.2017
Lillie Square Project	EPR/WF0602NT/A001	20.06.2017
London Bridge Redevelopment Project	EPR/QF0831JM	20.06.2017
1 Palace Street	EPR/HF0101NX/A001	20.06.2017
Day Group Ltd, Brentford	BB3232RX/V002	20.06.2017
FCC – WRG Bletchley	BM4635IH	20.06.2017
FCC – WRG Calvert	EPR/BS8605IQ	20.06.2017
Brett's Park Lodge Landfill	GP3897NE	20.06.2017
IVS Denham Park Farm	EPR/AB3105HD	20.06.2017
Brett's Littleton	EP3690EH/A001	20.06.2017

9.2. Appendix 2 - Timber Quantities Delivered to Site

Details of timber and the quantity delivered to site for the period covered by this report

Total timber usage: 36.3m³

Date brought to site	Delivery number	CoC/Certificate Number	Supplier Name (code)	Subcontractor	Type of Material	Certification Scheme	Recycled % (If FSC recycled x% selected)	Use	Description of Usage	Total Volume (m ³)
<u>15/6/2017</u>	99859	TT-COC-002055	Abbeygate Builders Merchants Ltd		Sawnwood (hard)	FSC Mix Credit	-	Temporary		32.00
<u>8/6/2017</u>	97927	TT-COC-002055	Abbeygate Builders Merchants Ltd		Sawnwood (hard)	FSC Mix Credit	-	Temporary		0.50
<u>13/6/2017</u>	215880	CU-COC-805629	L & G Forest		Plywood	FSC 100%	-	Temporary		0.11
<u>12/6/2017</u>	215764	CU-COC-805629	L & G Forest		Plywood	FSC 100%	-	Temporary		0.10
<u>8/6/2017</u>	215626	CU-COC-805629	L & G Forest		Sawnwood (hard)	FSC - Mix 70%	-	Temporary		1.13
<u>15/6/2017</u>	1844005	CU-COC-805644	South London Timber		Plywood	FSC - Mix 70%	-	Temporary		2.46

9.3. Appendix 3 - Soil and Concrete Quantity Delivered to Site

Details of concrete and the quantity delivered to site for the period covered by this report

Delivery Date:	Delivery Note No.	Order No.	Supplier	Description	Quantity
01/06/17	19940003	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
01/06/17	19940007	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
01/06/17	19940009	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
01/06/17	93318118	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
01/06/17	99318125	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
01/06/17	99318131	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
01/06/17	99318134	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
01/06/17	99318140	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
02/06/17	99318167	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
02/06/17	99318172	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
02/06/17	99318176	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
02/06/17	99318180	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
05/06/17	99318251	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
05/06/17	99318256	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
05/06/17	99318262	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
05/06/17	99318264	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
05/06/17	99318265	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	2m3
07/06/17	99318310	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
07/06/17	99318314	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
07/06/17	99318317	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
07/06/17	99318322	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
07/06/17	99318329	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
07/06/17	99318331	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
07/06/17	99318336	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3

08/06/17	99318373	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
08/06/17	99318397	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	3m3
08/06/17	99318380	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
08/06/17	99318366	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
08/06/17	99318369	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
08/06/17	99318384	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
09/06/17	99318444	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
09/06/17	99318452	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
09/06/17	99318458	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
09/06/17	99318463	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
09/06/17	99318469	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
09/06/17	99318475	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
09/06/17	99318482	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	4m3
19/06/96	99318862	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
19/06/17	99318870	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
19/06/17	99318866	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
19/06/17	99318916	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
19/06/17	99318911	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
19/06/17	99318905	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
19/26/17	99318908	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
19/06/17	99318920	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
27/06/17	99319260	62858/845	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
27/06/17	99319253	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
27/06/17	19940696	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
27/06/17	99319239	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
27/06/17	99319231	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
27/06/17	99319227	92858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
27/06/17	99319247	62858/945	CEMEX	20mm CEMIIB-V+SR S3	8m3

				C25/30 Pump	
27/06/17	99319263	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
27/06/17	99319277	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
27/06/17	99319288	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	2.50m3
29/06/17	99319410	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
29/06/17	99319412	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	5m3
29/06/17	99319405	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
29/06/17	99319399	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8M3
29/06/17	99319378	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8M3
29/06/17	99319386	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
29/06/17	99319397	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
29/06/17	99319391	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8m3
30/06/17	99319465	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	2mm
30/06/17	99319451	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8mm
30/06/17	99319424	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8mm
30/06/17	99319431	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8mm
30/06/17	99319415	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8mm
30/06/17	99319458	62858/945	CEMEX	20mm CEMIIB-V+SR S3 C25/30 Pump	8mm

9.4. *Appendix 4 – Copies of CN for Asbestos Removed From Site*

No hazardous waste removed from site during the period covered by this report.

9.5. Appendix 5 – Soil Test Reports – Terragen June 2017 Inspection Report

During the period covered by this report no excavations were undertaken or soil samples.

Terragen has not been on site and no report was issued for June 2017

9.6. *Appendix 6 - Air and Asbestos Testing Reports*

No air tests for the period covered by this report

9.7. Percentage of waste diverted from landfill for the Project to Date**Percentage of waste diverted from landfill:**

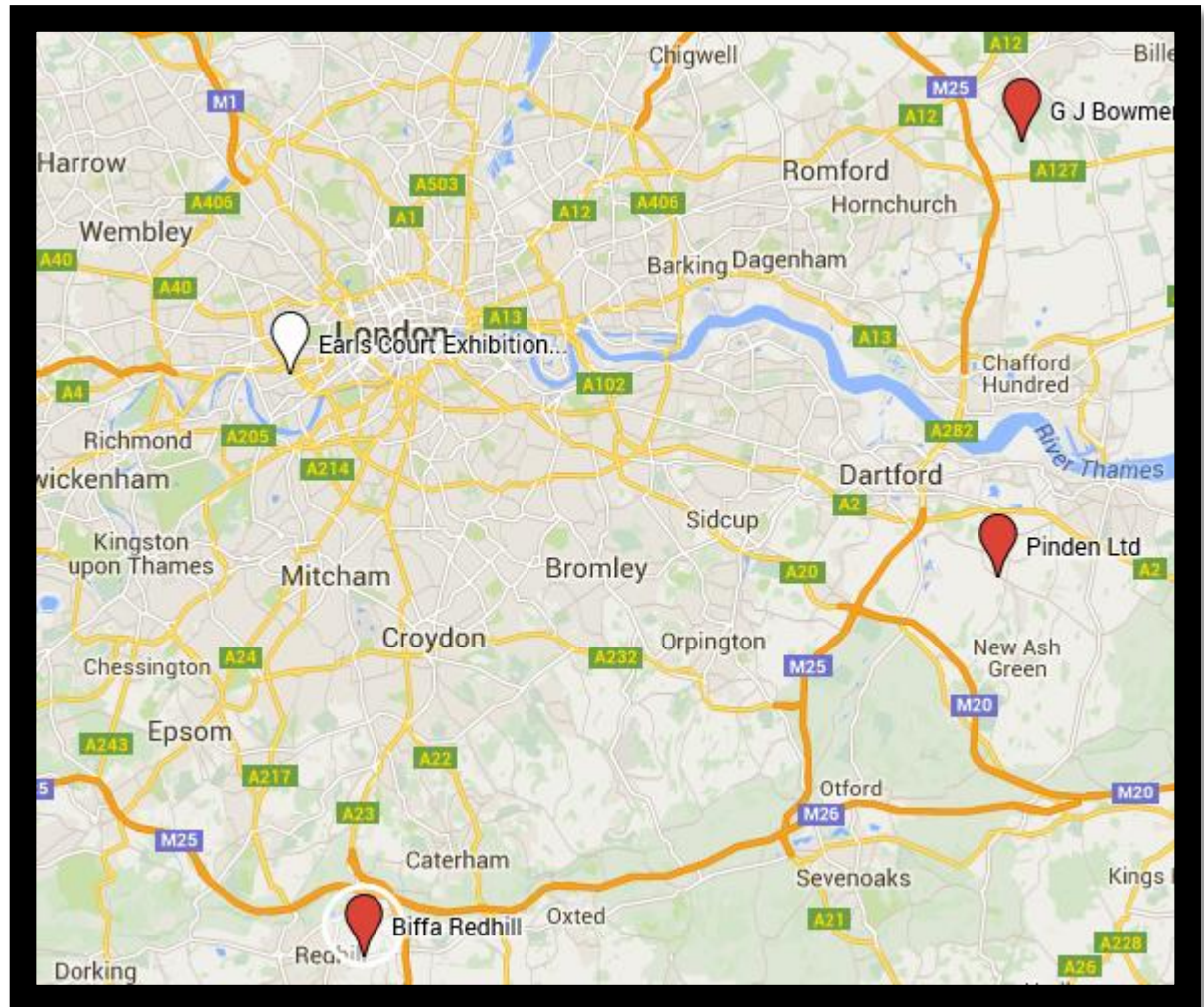
- June 2014 – 100%
- July 2014 – No waste was remove from site
- August 2014 – No waste was remove from site
- September 2014 – No waste was remove from site
- October 2014 – 99.4%
- November 2014 – 99.8%
- December 2014 – 97.6%
- January 2015 – 97.8%
- February 2015 – 97.7%
- March 2015 – 97.8%
- April 2015 – 99.5%
- May 2015 – 99.6%
- June 2015 – 99.3%
- July 2015 – 94.7%
- August 2015 – 91.4%
- September 2015 – 96.6%
- October 2015 – 99.5%
- November 2015 – 99.8%
- December 2015 – 99.2%
- January 2016 – 99.7%
- February 2016 – 99.88%
- March 2016 – 99.90%
- April 2016 – 99.36%
- May 2016 – 99.93%
- June 2016 – 99.94%
- July 2016 – 99.90%
- August 2016 – 98.6%
- September 2016 – 97.5%
- October 2016 – 100%
- November 2016 – 98.9%
- December 2016 – 94.1%
- January 2017 – 99.1%
- February 2017 – 100%
- March 2017 – 100%
- April 2017 – 99.9%
- May 2017 – 100%
- June 2017 – 100%

Project cumulative average percentage of waste diverted from landfill: **99.16%**

9.8. *Waste Facilities – Distance to site*

Asbestos 17.06.01 – 17.06.05

Facility	Distance to site
G J Bowmer – Waste Disposal	32 miles
Pinden Ltd	27 miles
Biffa Redhill	27 miles



Project:
Earls Court

Title:
**Asbestos Waste Facilities –
Distance to site**

Date:
June 2017

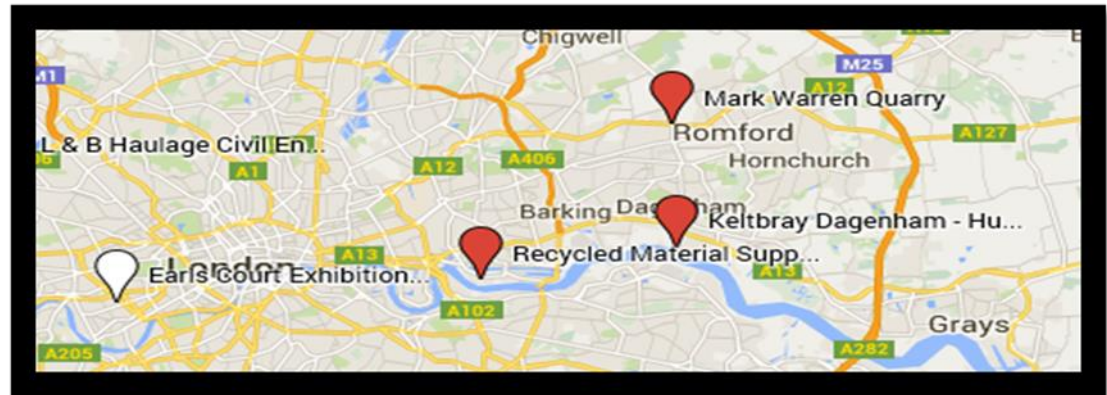
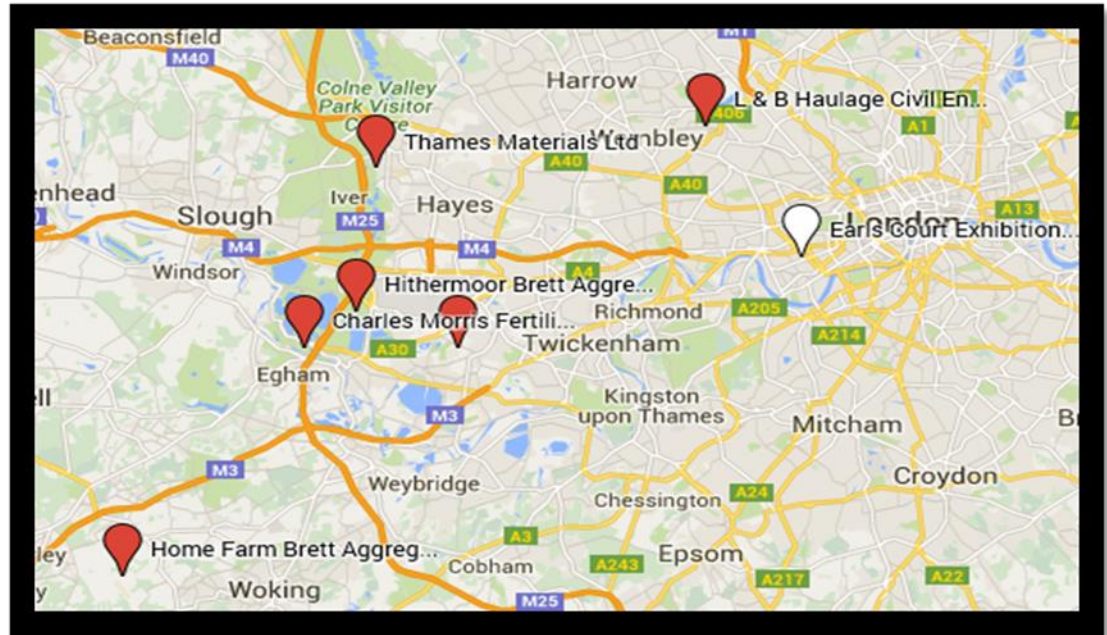
keltbray
Serious On Safety ✓

Drawn By:
AC

Rev / Ref:
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Concrete 17.01.01

Facility	Distance to site
Brett Aggregates Hithermoor	16 miles
Fowles Skip Hire	15 miles
Charles Morris Fertilisers Ltd	18 miles
Home Farm Brett Aggregates	16 miles
Keltbray Dagenham – Hunts Waste Recycling	18 miles
L&B Haulage	9 miles
Thames Materials Ltd	17 miles
Recycled Material Suppliers Ltd	13 miles
Marks Warren Quarry Landfill	27 miles



Project:

Earls Court

Title:

Concrete Waste Facilities –
Distance to site

Date:

June 2017



Drawn By:

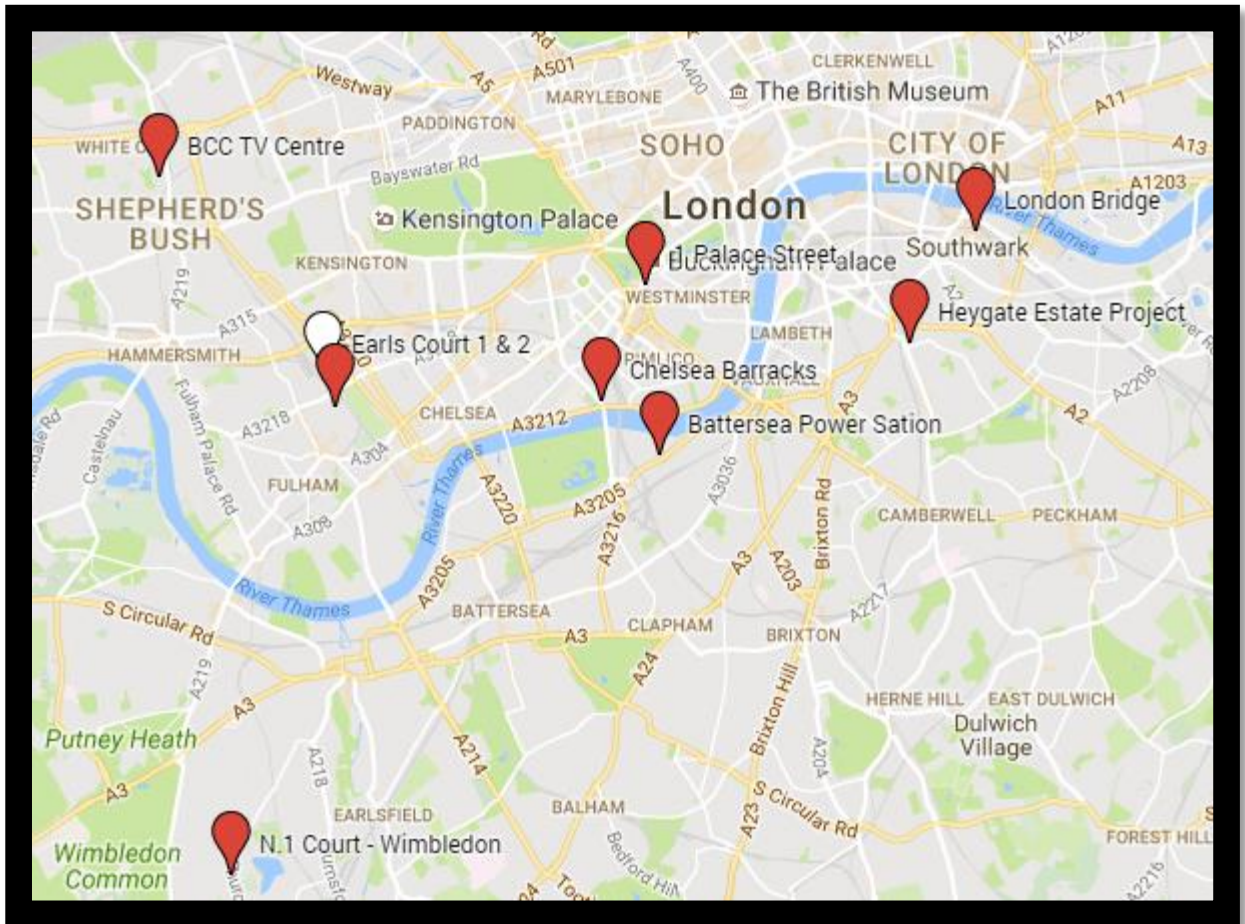
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Rev / Ref:

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Crush Concrete 17.01.01

Facility	Distance to site
Lillie Square	½ mile
Heygate	5 miles
Chelsea Barracks	6 miles
BBC Wood Lane	3 miles
Battersea Power Station	4 miles
London Bridge	7 miles
Palace Street	3 miles
Wimbledon	5 miles



Project:

Earls Court

Title:

Crush Concrete export –
Distance to site

Date:

June 2017



Drawn By:

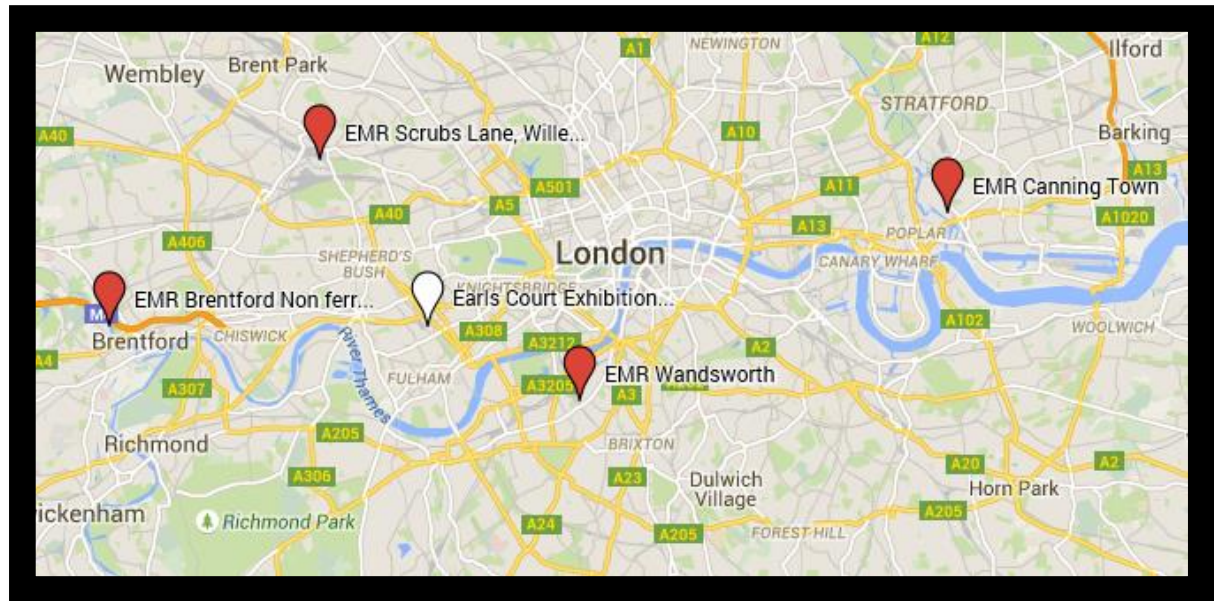
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Mixed Metals 17.04.07

Facility	Distance to site
EMR Scrubs Lane, Willesden	4 miles
EMR Brentford	7 miles
EMR Wandsworth	5 miles
EMR Canning Town	12 miles
EMR Tilbury Dock	32 miles



Project:

Earls Court

Title:

Mixed Metals Waste Facilities
– Distance to site

Date:

June 2017



Drawn By:

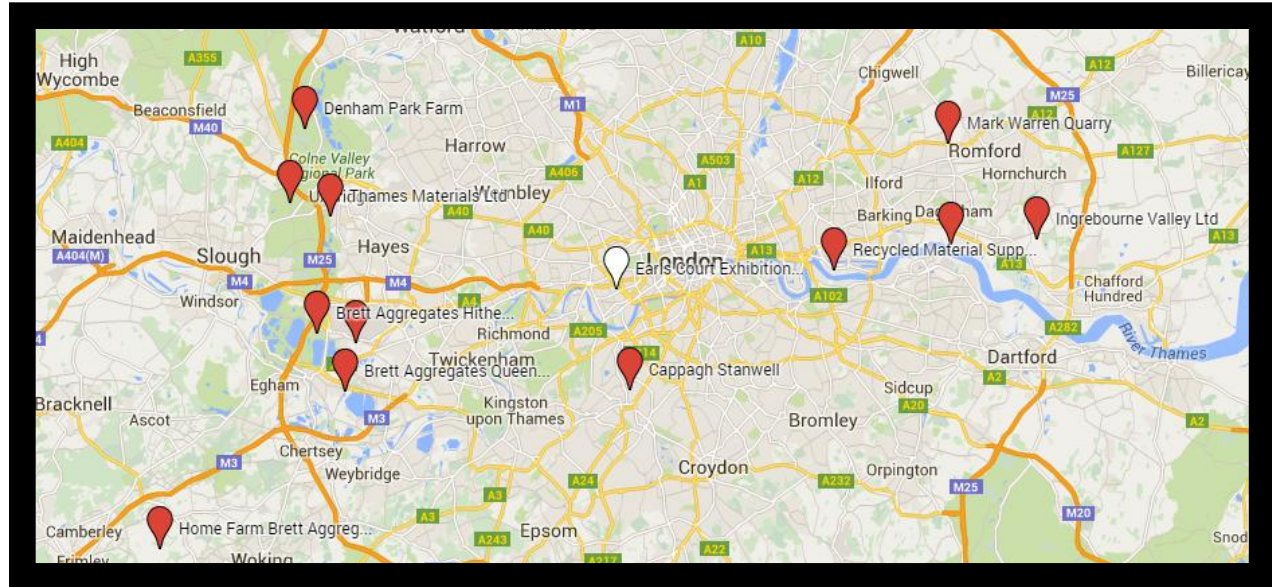
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Facility	Distance to site
Brett Aggregates Hithermoor	16 miles
Thames Materials Ltd	17 miles
Brett Aggregates Pinewood	20 miles
Glynn's Skips	6 miles
Ingrebourne Valley Ltd	24 miles
Keltbray Dagenham – Hunts Waste Recycling	18 miles
Recycled Material Suppliers Ltd	13 miles
Denham Park Farm Landfill	18 miles
Marks Warren Quarry Landfill	27 miles
Charles Morrison Long Lane	15 miles
Cappagh Stanwell	16 miles
Brett Aggregates Queen Mary	16 miles

Hardcore 17.01.07



Project:
Earls Court

Title:
Hardcore Waste Facilities – Distance to site

Date:
June 2017

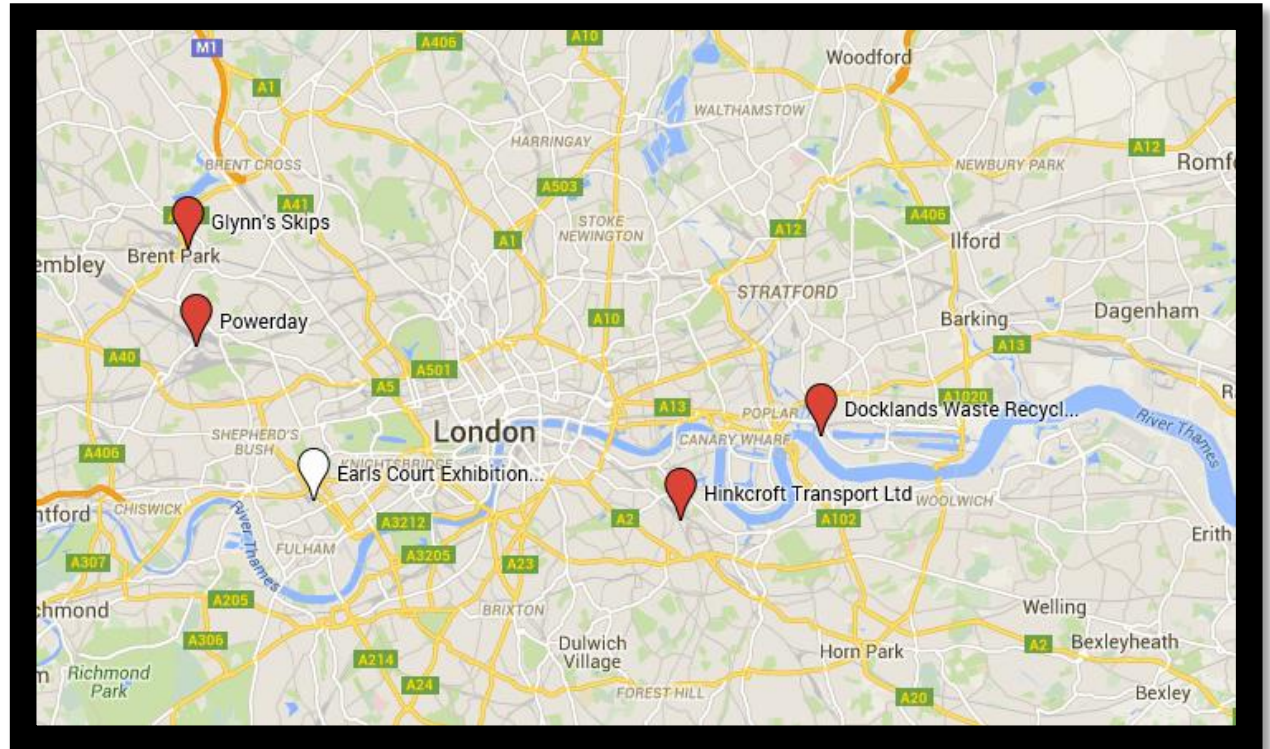
keltbray
Serious On Safety ✓

Drawn By:
AC

Rev / Ref:
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Mixed Demolition 17.09.04

Facility	Distance to site
Glynn's Skips	6 miles
Hinkcroft Transport Ltd	8 miles
Docklands Waste Recycling	12 miles
Powerday	6 miles



Project:
Earls Court

Title:
**Mixed Demolition Waste
Facilities – Distance to site**

Date:
June 2017

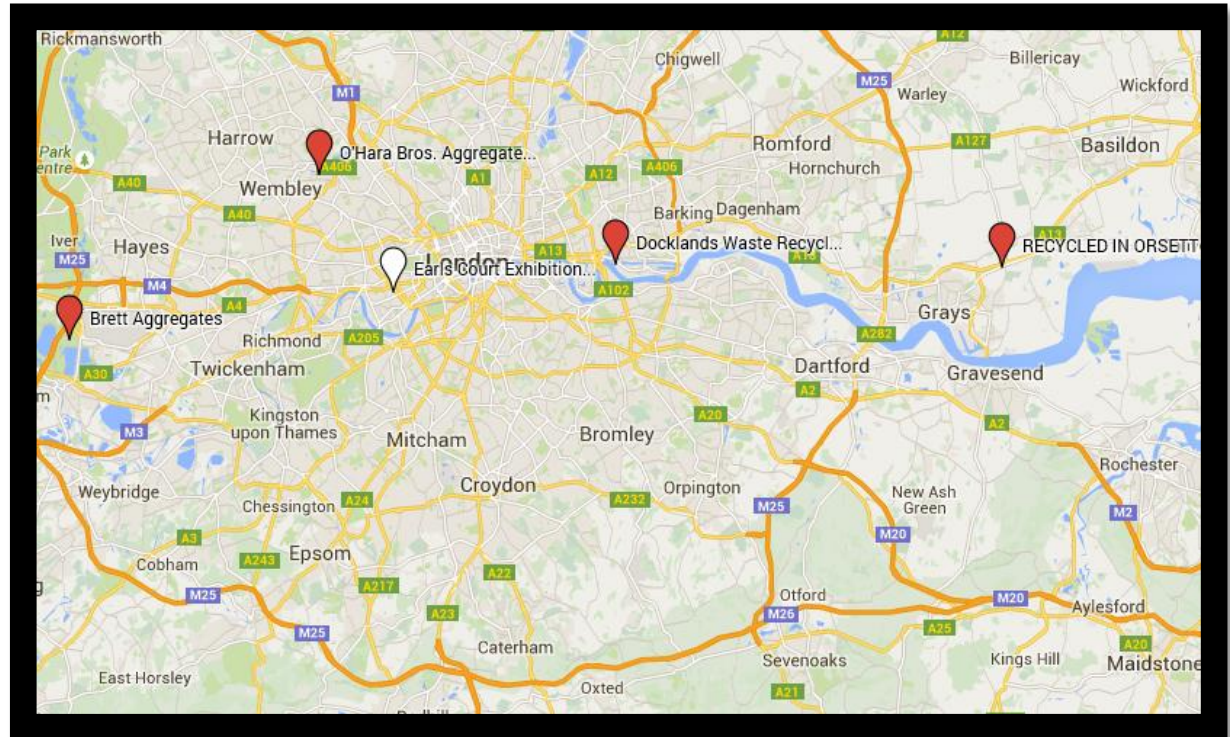
keltbray
Serious On Safety ✓

Drawn By:
AC

Rev / Ref:
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Asphalt 17.03.02

Facility	Distance to site
Hithermoor, Brett Aggregates	16 miles
O'Hara Bros. Aggregates Ltd	9 miles
Recycled In Orsett	29 miles
Docklands Waste Recycling	12 miles



Project:
Earls Court

Title:
**Tarmac / Asphalt Waste
Facilities – Distance to site**

Date:
June 2017

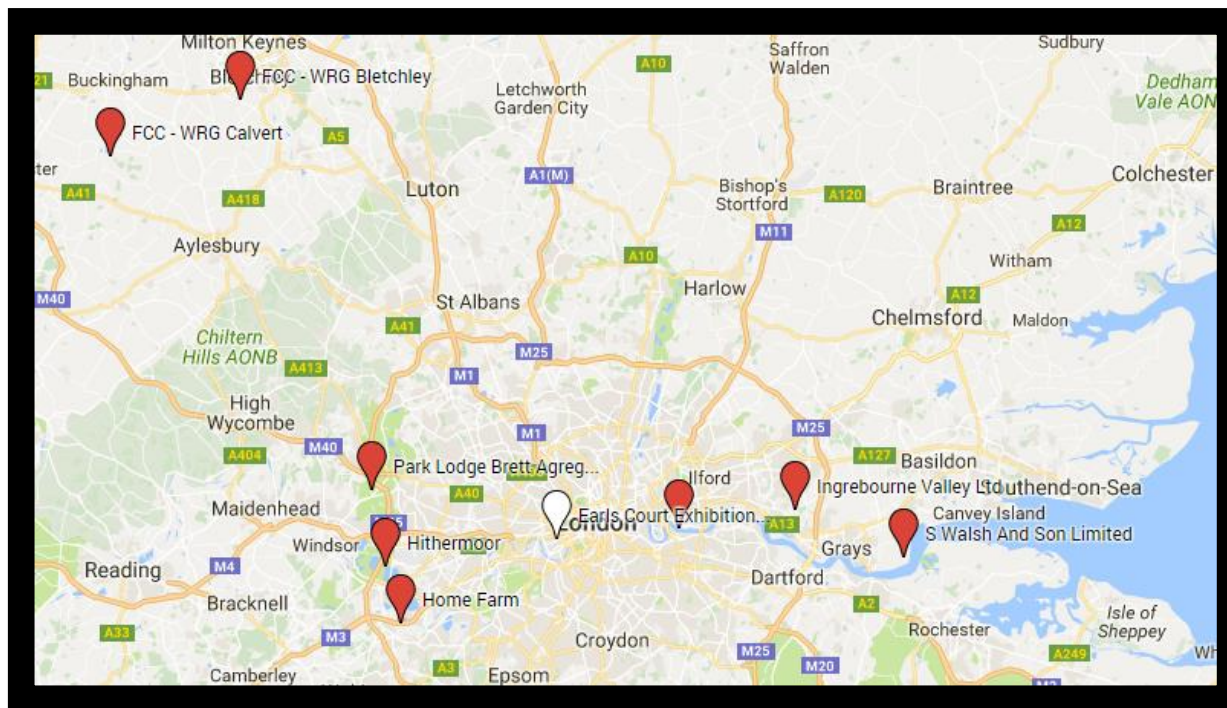


Drawn By:
AC

Rev / Ref:
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Soil & Stone 17.05.04

Facility	Distance to site
Ingrebourne Valley Ltd	24 miles
Keltbray AWS Ltd - Mohawk Wharf	12 miles
S Walsh And Son Ltd	34 miles
WRG Waste Services Bletchely Ltd	54 miles
WRG Waste Services Calvert	70 miles
Brett Aggregates Hithermoor	16 miles
Home Farm Brett Aggregates	16 miles
Brett Aggregates Park Lodge	20 miles



Project:

Earls Court

Title:

Soil & Stone Waste Facilities –
Distance to site

Date:

June 2017

keltbray
Serious On Safety ✓

Drawn By:

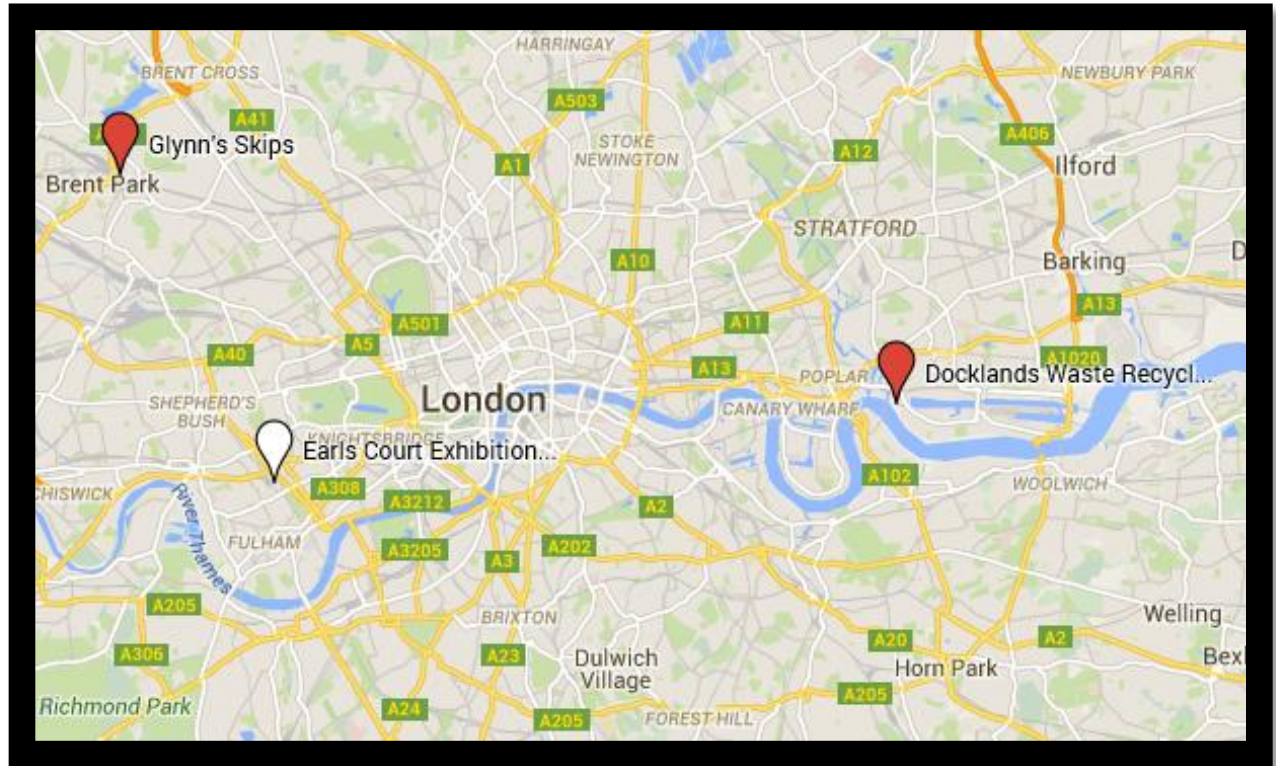
AC

Rev / Ref:

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Plasterboard 17.08.02

Facility	Distance to site
Glynn's Skips	6 miles
Docklands Waste Recycling	12 miles



Project:

Earls Court

Title:

Plasterboard Waste Facilities
– Distance to site

Date:

June 2017



Drawn By:

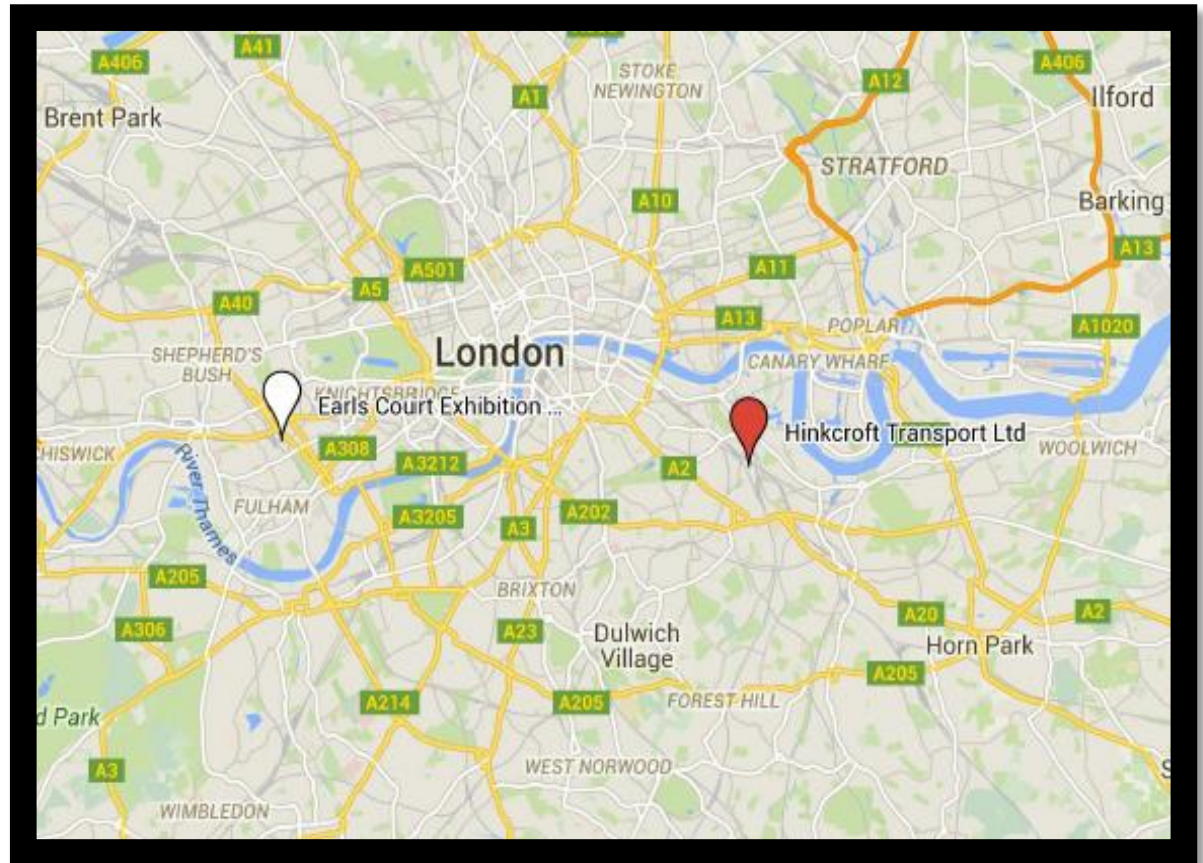
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Rev / Ref:

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Wood 17.02.01

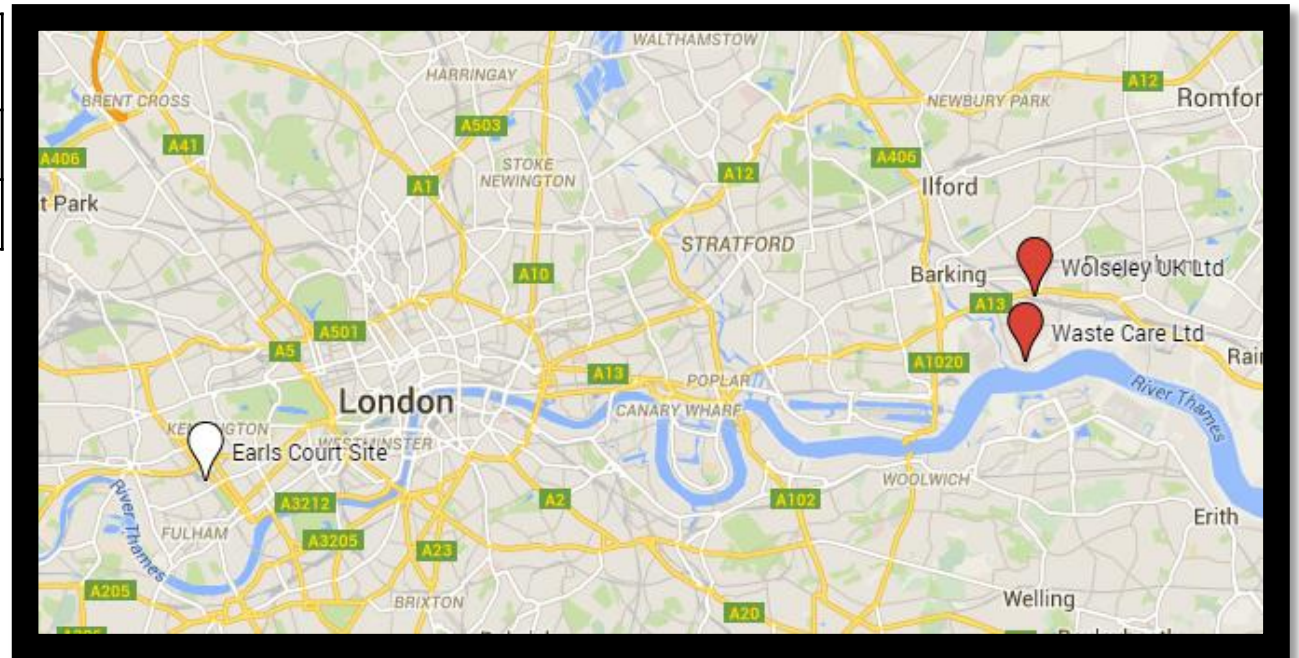
Facility	Distance to site
Hinkcroft Transport Ltd	8 miles




Project: <div style="text-align: center;">Earls Court</div>	Title: <div style="text-align: center;">Wood Waste Facilities – Distance to site</div>		Drawn By: <div style="text-align: center;">AC</div>
	Date: <div style="text-align: center;">June 2017</div>		Rev / Ref: <div style="text-align: center;">00</div>

COSHH MATERIAL

Facility	Distance to site
Wolseley UK Ltd	16 miles
Waste Care Ltd	16 miles



Project: Earls Court	Title: COSHH Material Waste Facilities – Distance to site	 Serious On Safety ✓	Drawn By: AC
	Date: June 2017		Rev / Ref: 00