

ENVIRONMENTAL MONTHLY REPORT (EMR)

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|---------------------------|------------------------------|
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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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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

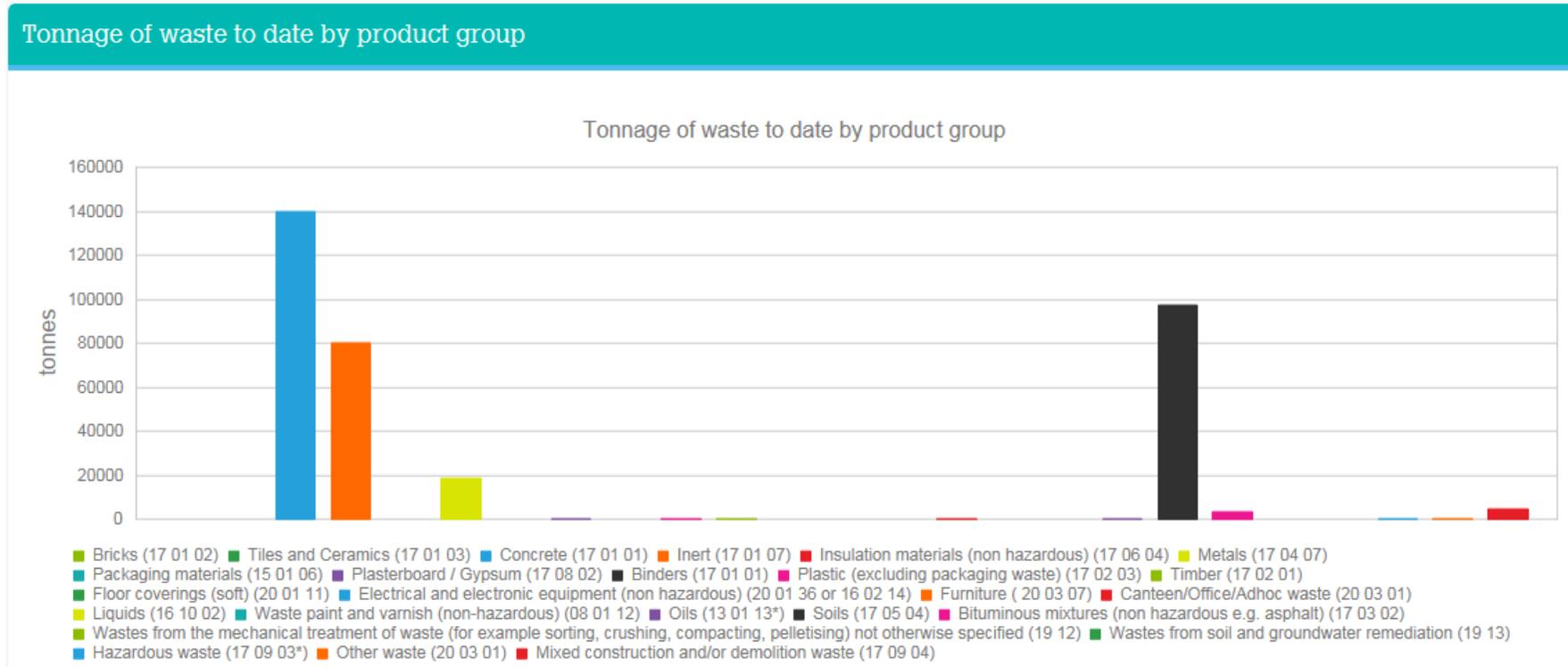
Your Carbon Footprint For The Month



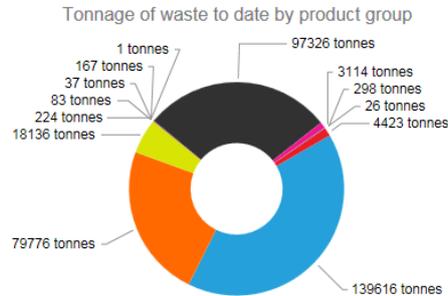
Total = 108.25 tonnes of CO₂e

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.

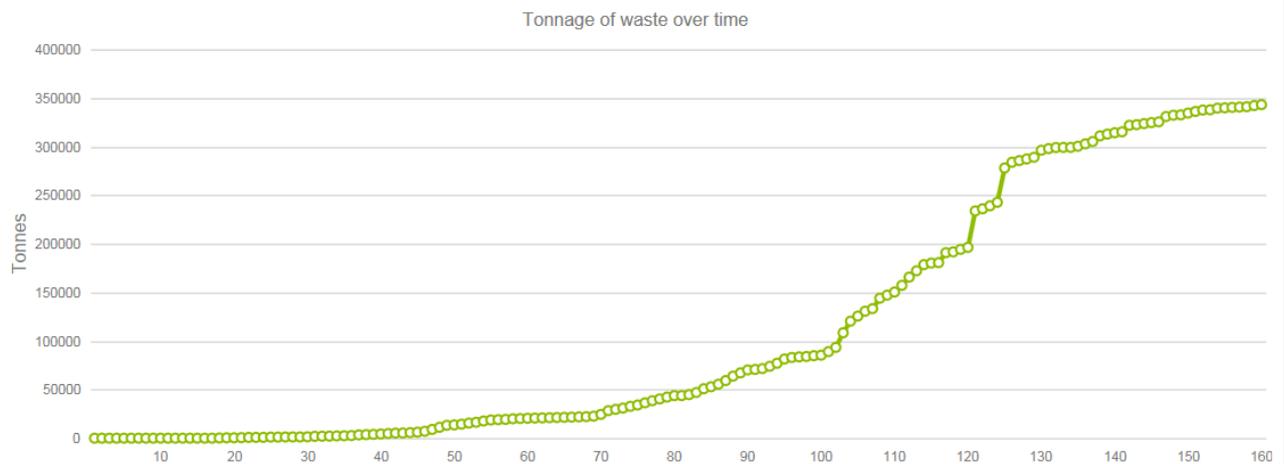


Tonnage of waste to date by product group



- 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 (tonnes) | Mixed (%) | Segregated (%) | Waste management routes percentages | | | | |
|--|---------------------|--------------|-------------------|-------------------------------------|----------|----------------|------------|-----------------|
| | | | | 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 (tonnes) | Mixed (%) | Segregated (%) | Waste management routes percentages | | | | |
|--|---------------------|--------------|-------------------|-------------------------------------|----------|-------------------|------------|--------------------|
| | | | | 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

| MONTH | 17.05.04 | Total of loads per month | Facility | IVS Rainham | KB Mohawk Wharf, Silvertown | S. Walsh Roxhill Tilbury | Brett's Home Farm | Charles Morris | IVS Denham | Brett's Hithermoor Quarry | FCC Bletchey WRG Waste | FCC Calvert WRG Waste | Brett's Queen Mary Reservoir | RMS Silvertown | Park Lodge Lanfill | Queen Mary Reservoir |
|----------------------------------|---------------|--------------------------|----------|---------------|-----------------------------|--------------------------|-------------------|-------------------|--------------|---------------------------|------------------------|-----------------------|------------------------------|----------------|--------------------|----------------------|
| | Soil & stones | | Permit | LP3995VS/A001 | FP3092LH/V002 | BB3205XE/A001 | NP3793EL/T004 | EPR/AF0305KK/A001 | EPR/AB3105HD | NCC/046128/2009 | BM46351H | EPR/BS8605IQ | EB3732RR/A001 | KB3136AM/V003 | GP3897NE | EB3732RR/A001 |
| June'16 | 549 | 549 | | 13 | | | 285 | | | 238 | 13 | | | | | |
| July'16 | 847 | 847 | | 27 | | | 71 | | | 720 | | | 27 | 2 | | |
| August'16 | 786 | 786 | | 67 | | | 318 | | | 380 | 21 | | | | | |
| September'16 | 191 | 191 | | 1 | | | 61 | | | 70 | | 59 | | | | |
| October'16 | 803 | 803 | | 39 | | | 487 | | | 277 | | | | | | |
| November'16 | 432 | 432 | | 15 | | | 322 | | | 59 | | 11 | | | 24 | 1 |
| December'16 | 219 | 219 | | 35 | | | | | | | | 14 | | | 170 | |
| January'17 | 251 | 251 | | 43 | | | | | 197 | | | | | | 11 | |
| February'17 | 105 | 105 | | | 9 | | | | 96 | | | | | | | |
| March'17 | 76 | 76 | | 22 | | | | | 54 | | | | | | | |
| April'17 | 126 | 126 | | 55 | | | | | 55 | 16 | | | | | | |
| May'17 | 57 | 57 | | 7 | | | | | | 50 | | | | | | |
| April'17 | 0 | 0 | | | | | | | | | | | | | | |
| Total of loads up to date | | 4,442 | | | | | | | | | | | | | | |

| 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 bonded 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 hand-picked 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 being 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.

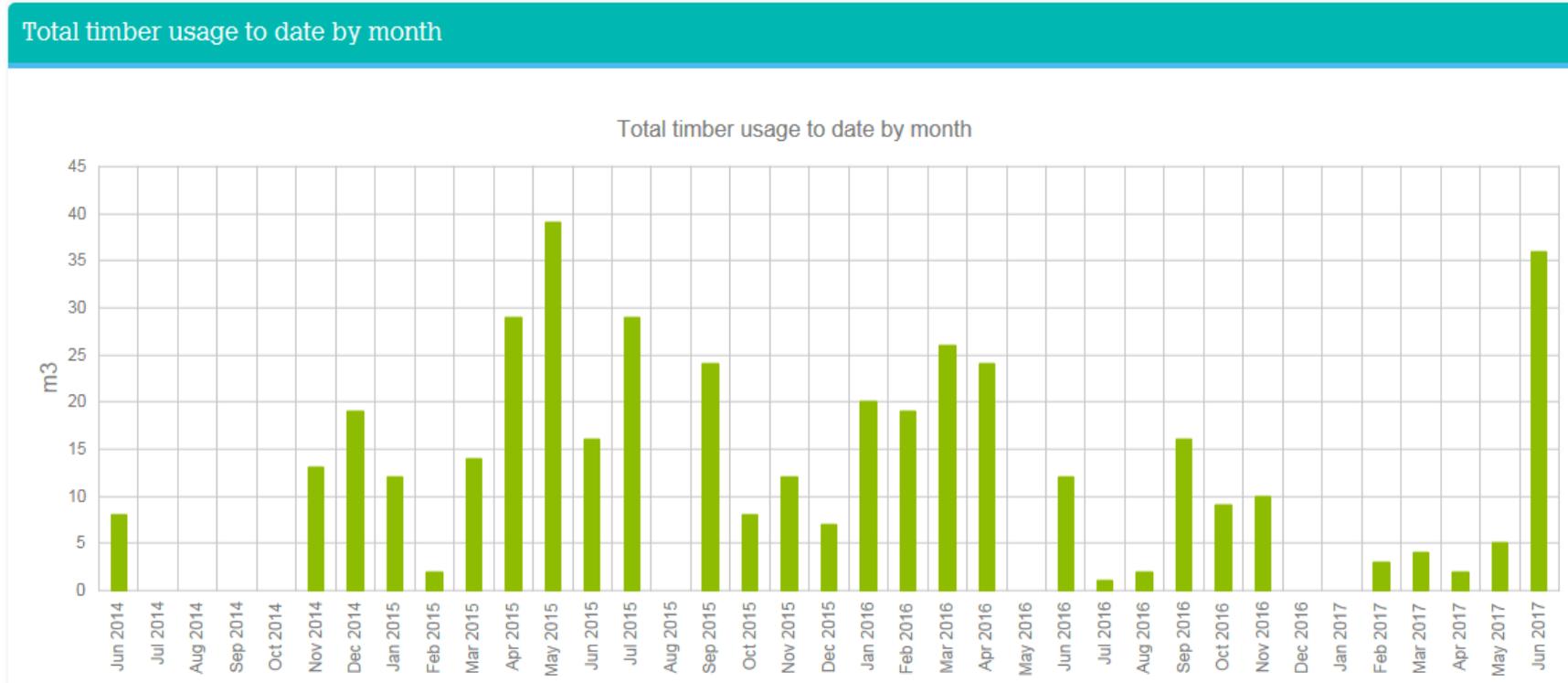
Ref 12: No Hazardous or contaminated soil was removed from site during period covered by this report.

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.



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 Claggate, 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:

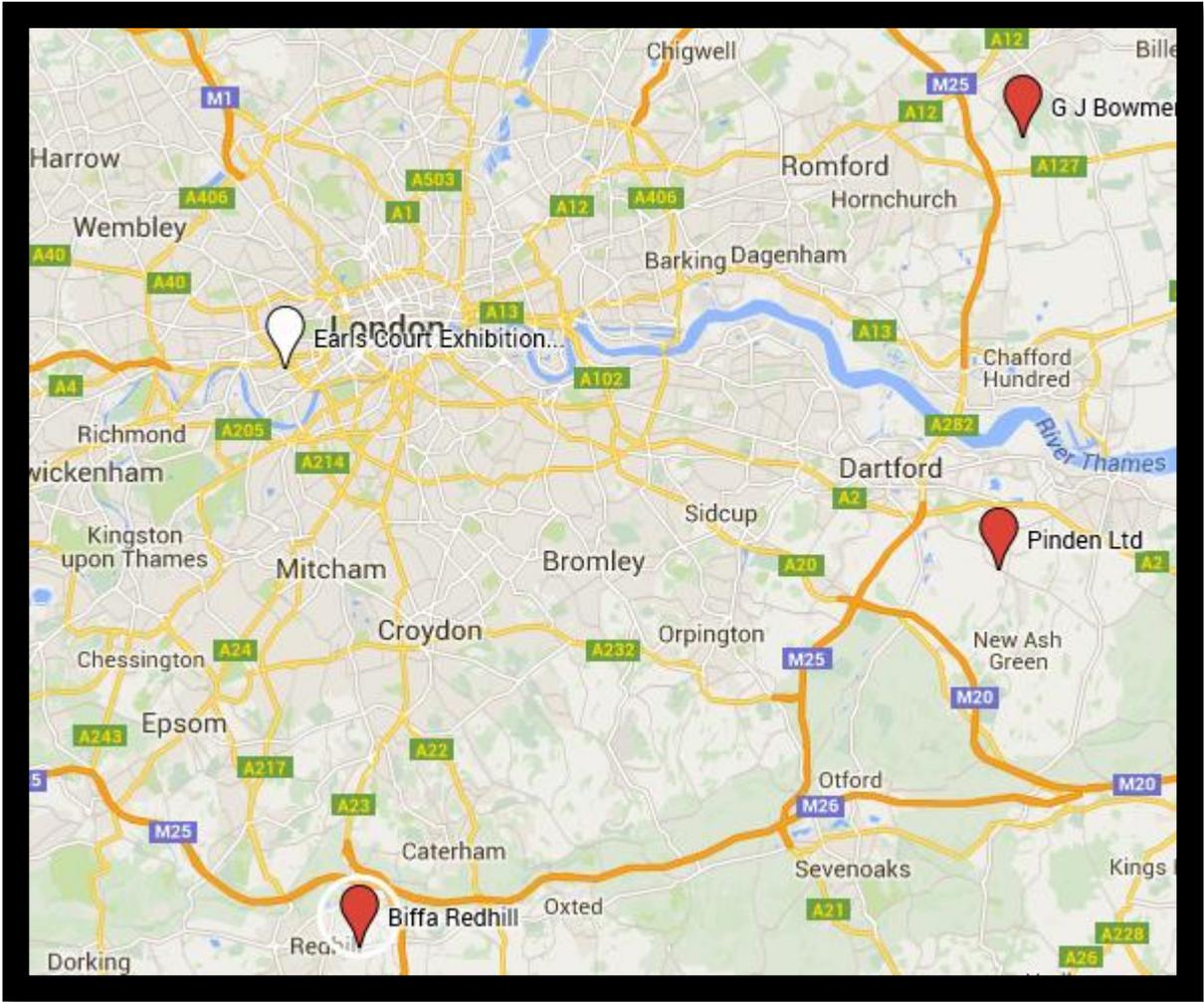
- June 2014 – 100%
- July 2014 – No waste was remove from site
- August 2014 – No waste was remove from site
- September 2014 – No waste was remove from site
- October 2014 – 99.4%
- November 2014 – 99.8%
- December 2014 – 97.6%
- January 2015 – 97.8%
- February 2015 – 97.7%
- March 2015 – 97.8%
- April 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

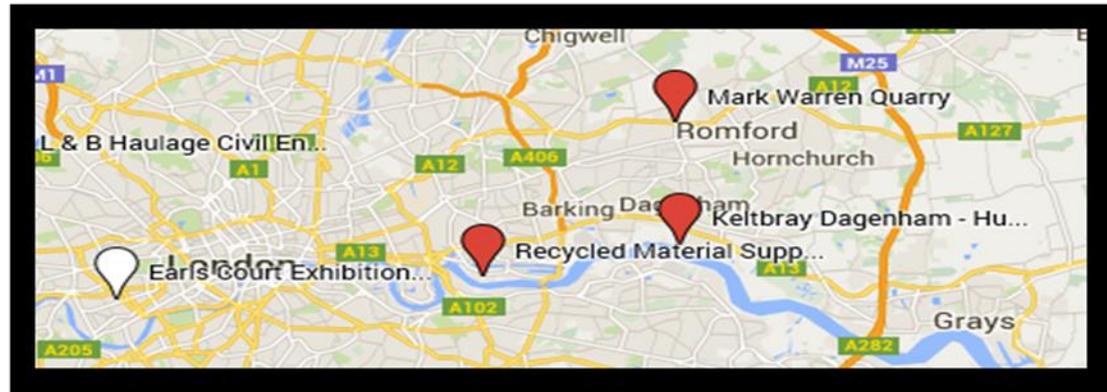
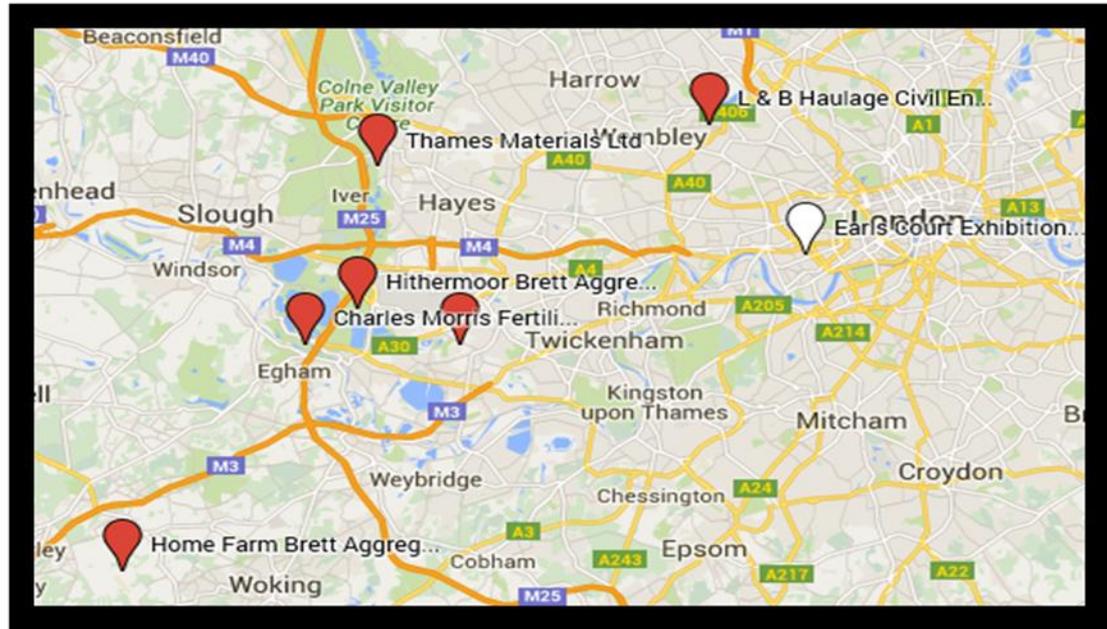


Drawn By:
AC

Rev / Ref:
00

Concrete 17.01.01

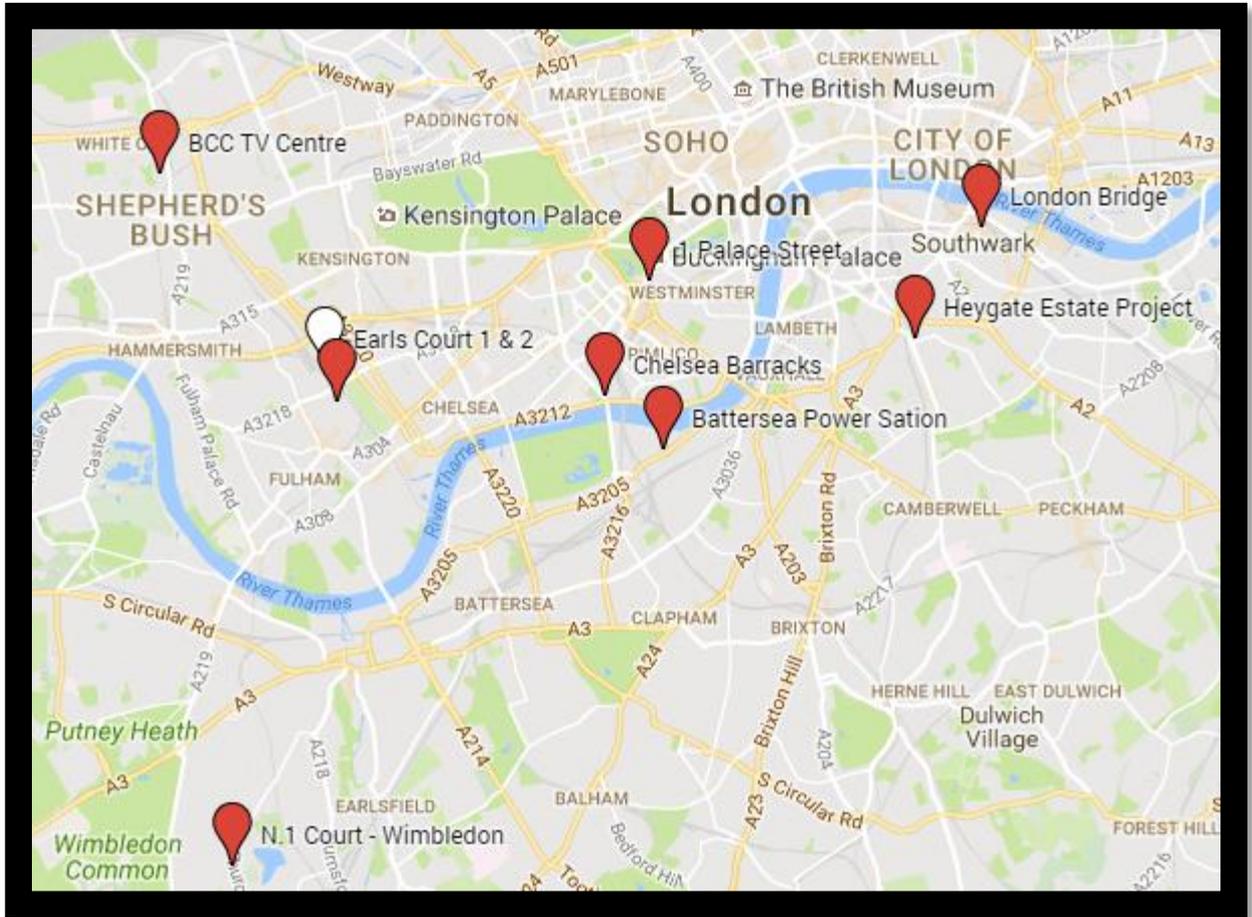
| Facility | Distance to site |
|---|------------------|
| Brett Aggregates Hithermoor | 16 miles |
| Fowles Skip Hire | 15 miles |
| Charles Morris Fertilisers Ltd | 18miles |
| Home Farm Brett Aggregates | 16 miles |
| Keltbray Dagenham – Hunts Waste Recycling | 18 miles |
| L&B Haulage | 9 miles |
| 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 |  keltbray Serious On Safety  | Drawn By: AC |
| | Date: June 2017 | | Rev / Ref: 00 |

Crush Concrete 17.01.01

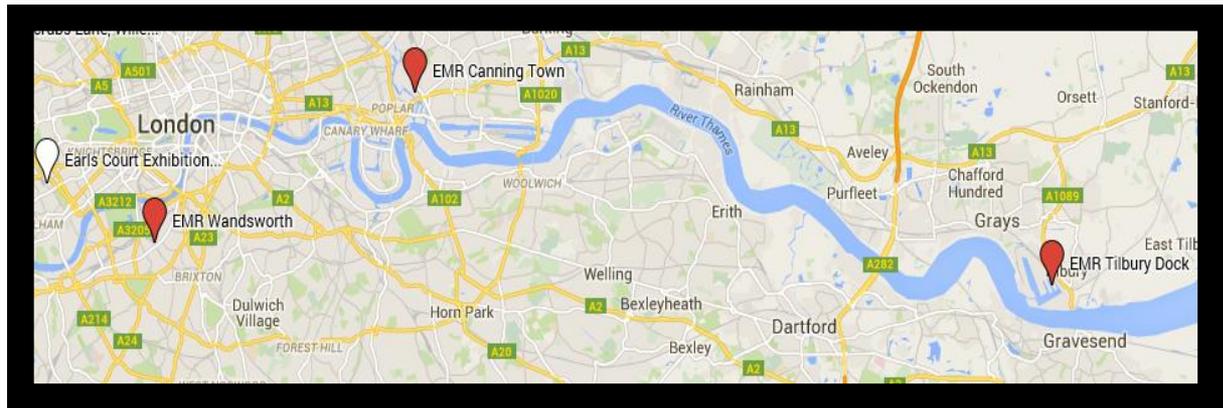
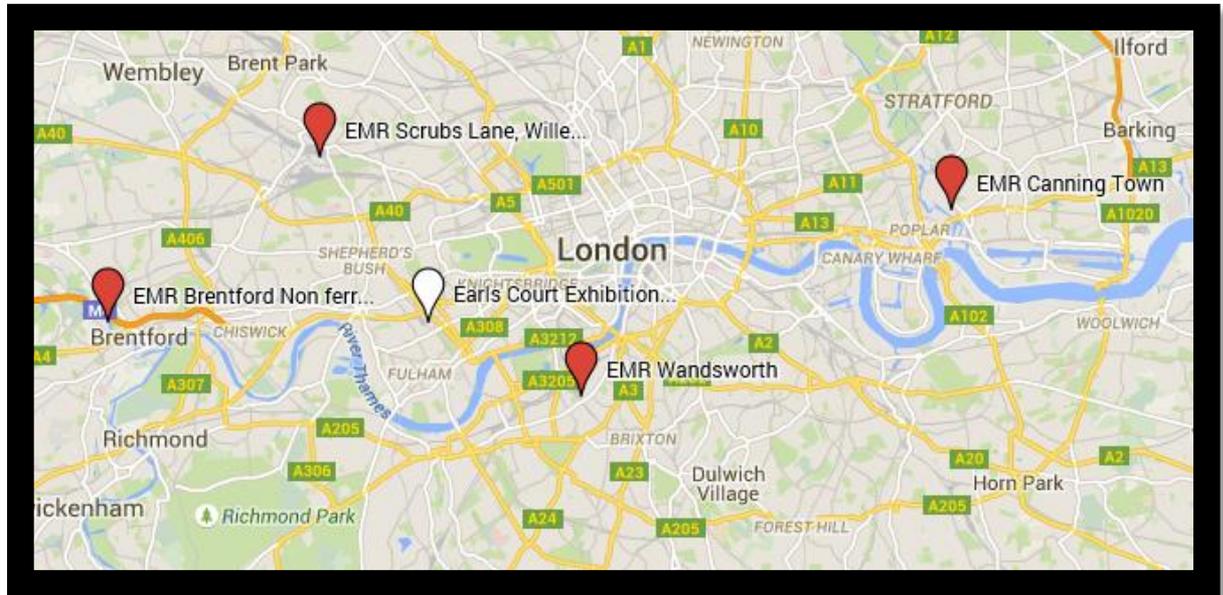
| Facility | Distance to site |
|-------------------------|------------------|
| Lillie Square | ½ mile |
| Heygate | 5 miles |
| Chelsea Barracks | 6 miles |
| BBC Wood Lane | 3 miles |
| Battersea Power Station | 4 miles |
| London Bridge | 7 miles |
| Palace Street | 3 miles |
| Wimbledon | 5 miles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



| | | | |
|------------------------------------|---|--|-----------------------------|
| Project: Earls Court | Title: Crush Concrete export – Distance to site |  Serious On Safety  | Drawn By: AC |
| | Date: June 2017 | | Rev / Ref: 00 |

Mixed Metals 17.04.07

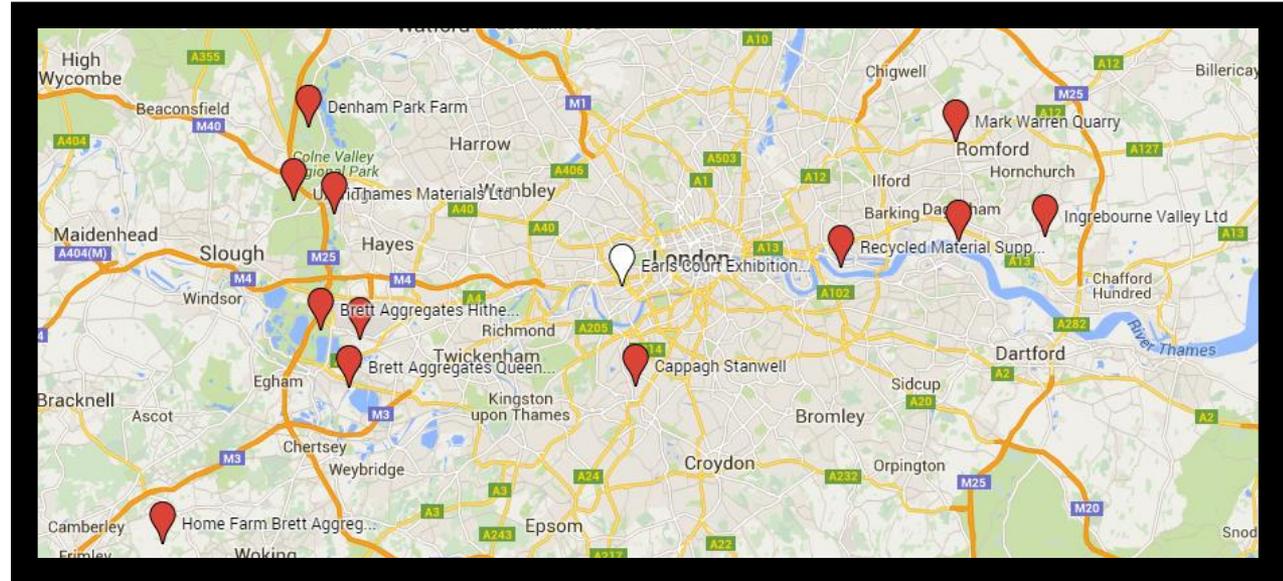
| Facility | Distance to site |
|----------------------------|------------------|
| EMR Scrubs Lane, Willesden | 4 miles |
| EMR Brentford | 7 miles |
| EMR Wandsworth | 5 miles |
| EMR Canning Town | 12 miles |
| EMR Tilbury Dock | 32 miles |



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

Hardcore 17.01.07

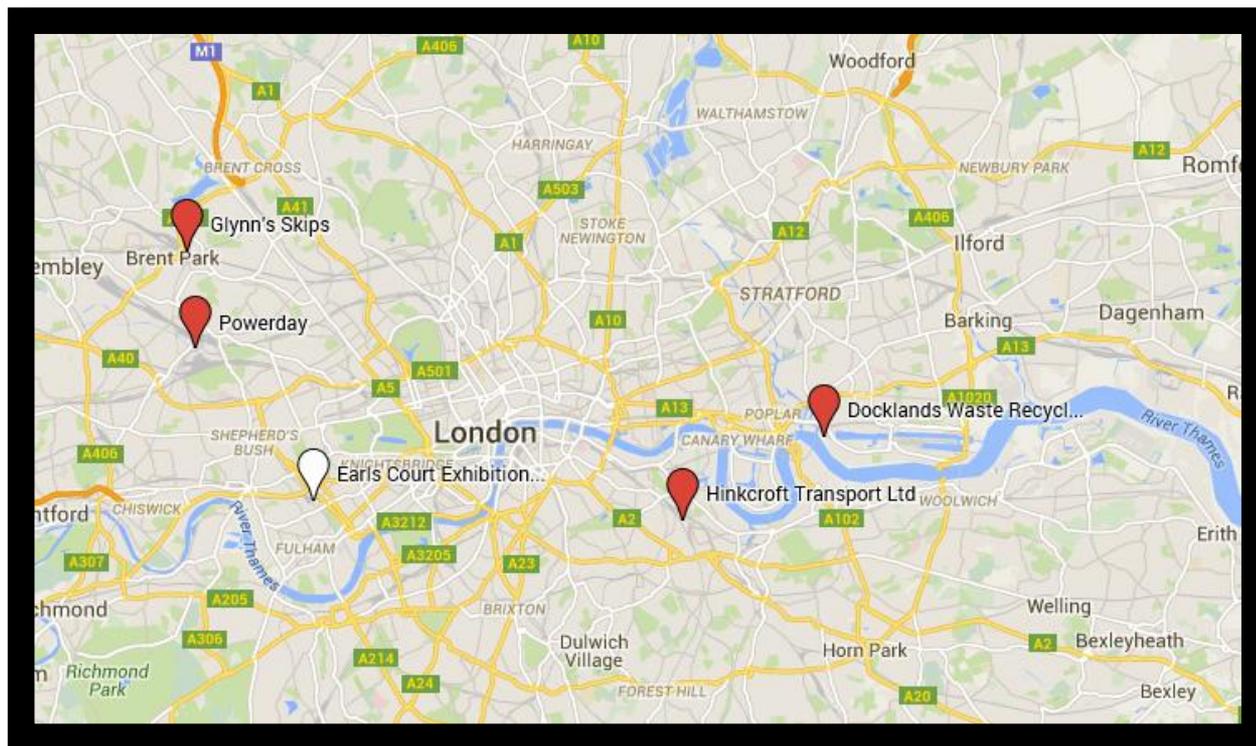
| Facility | Distance to site |
|---|------------------|
| Brett Aggregates Hithermoor | 16 miles |
| Thames Materials Ltd | 17 miles |
| Brett Aggregates Pinewood | 20 miles |
| Glynn's Skips | 6 miles |
| Ingrebourne Valley Ltd | 24 miles |
| Keltbray Dagenham – Hunts Waste Recycling | 18 miles |
| 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 |



| | | | |
|--------------------------------|---|--|-------------------------|
| Project: Earls Court | Title: Hardcore Waste Facilities – Distance to site | | Drawn By: AC |
| | Date: June 2017 | | Rev / Ref: 00 |

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



Drawn By:

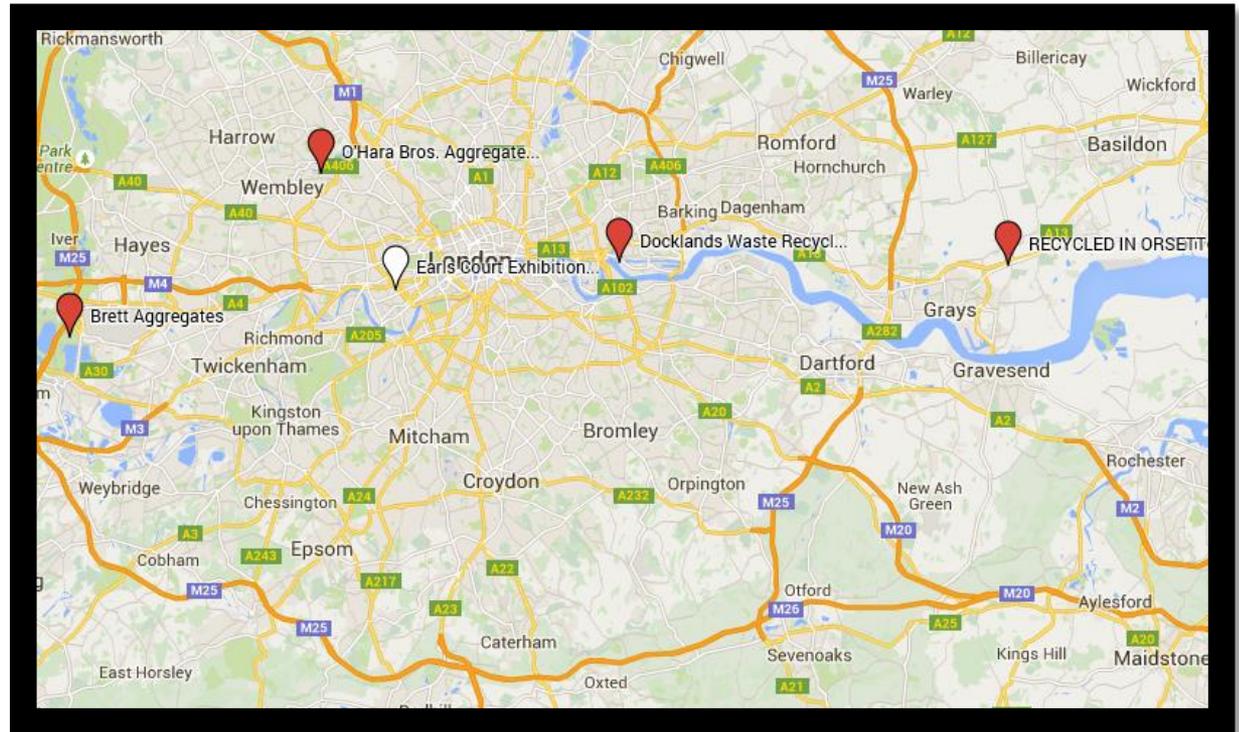
AC

Rev / Ref:

00

Asphalt 17.03.02

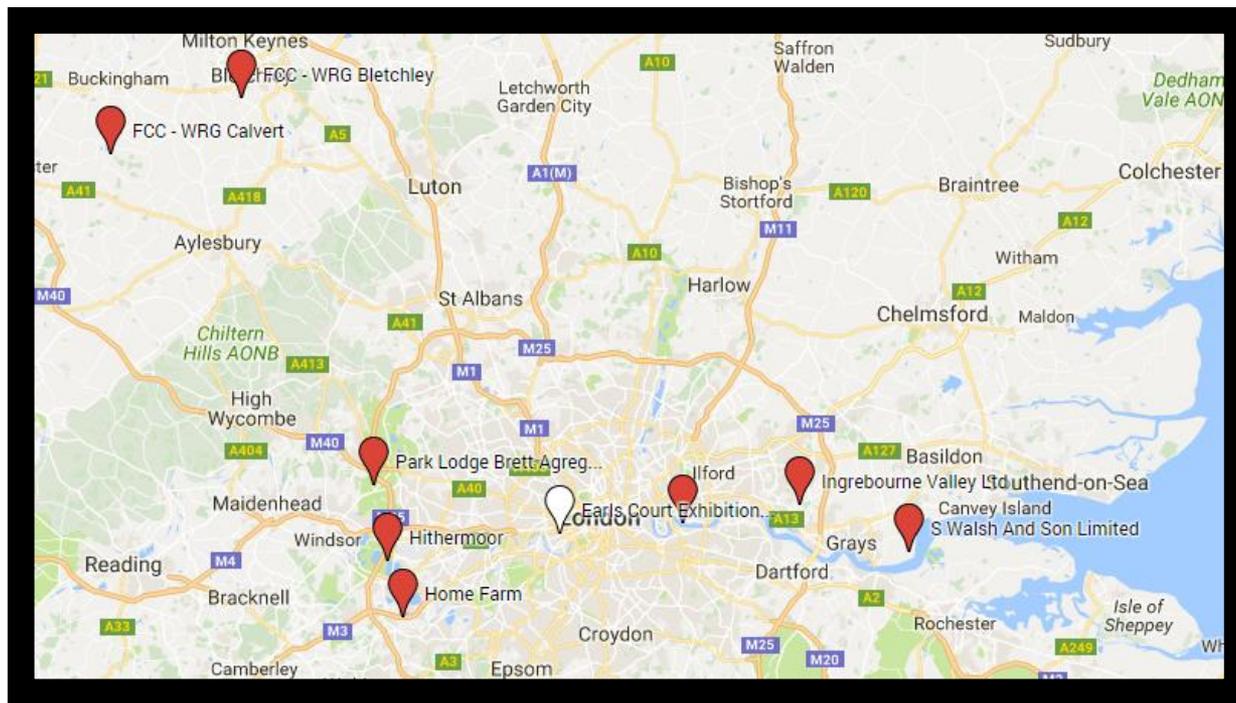
| Facility | Distance to site |
|------------------------------|------------------|
| Hithermoor, Brett Aggregates | 16 miles |
| O'Hara Bros. Aggregates Ltd | 9 miles |
| Recycled In Orsett | 29 miles |
| Docklands Waste Recycling | 12 miles |



| | | | |
|------------------------------------|---|---|-----------------------------|
| Project: Earls Court | Title: Tarmac / Asphalt Waste Facilities – Distance to site |  | Drawn By: AC |
| | Date: June 2017 | | Rev / Ref: 00 |

Soil & Stone 17.05.04

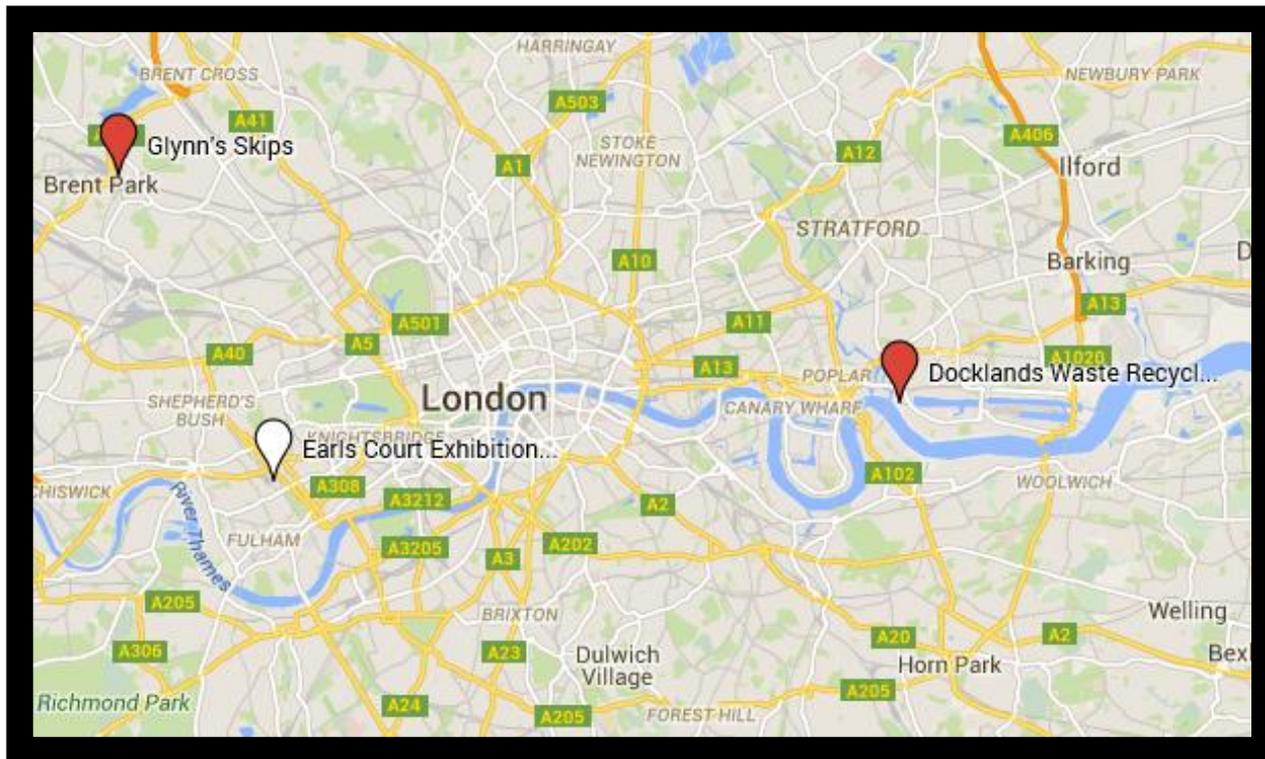
| Facility | Distance to site |
|---|------------------|
| Ingrebourne Valley Ltd | 24 miles |
| Keltbray AWS Ltd - Mohawk Wharf | 12 miles |
| S Walsh And Son Ltd | 34 miles |
| WRG Waste Services Bletchely Ltd | 54 miles |
| WRG Waste Services Calvert | 70 miles |
| Brett Aggregates Hithermoor | 16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



| | | | |
|---|--|--|------------------------------------|
| Project: Earls Court | Title: Soil & Stone Waste Facilities – Distance to site | | Drawn By: AC |
| | Date: June 2017 | | Rev / Ref: 00 |

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:

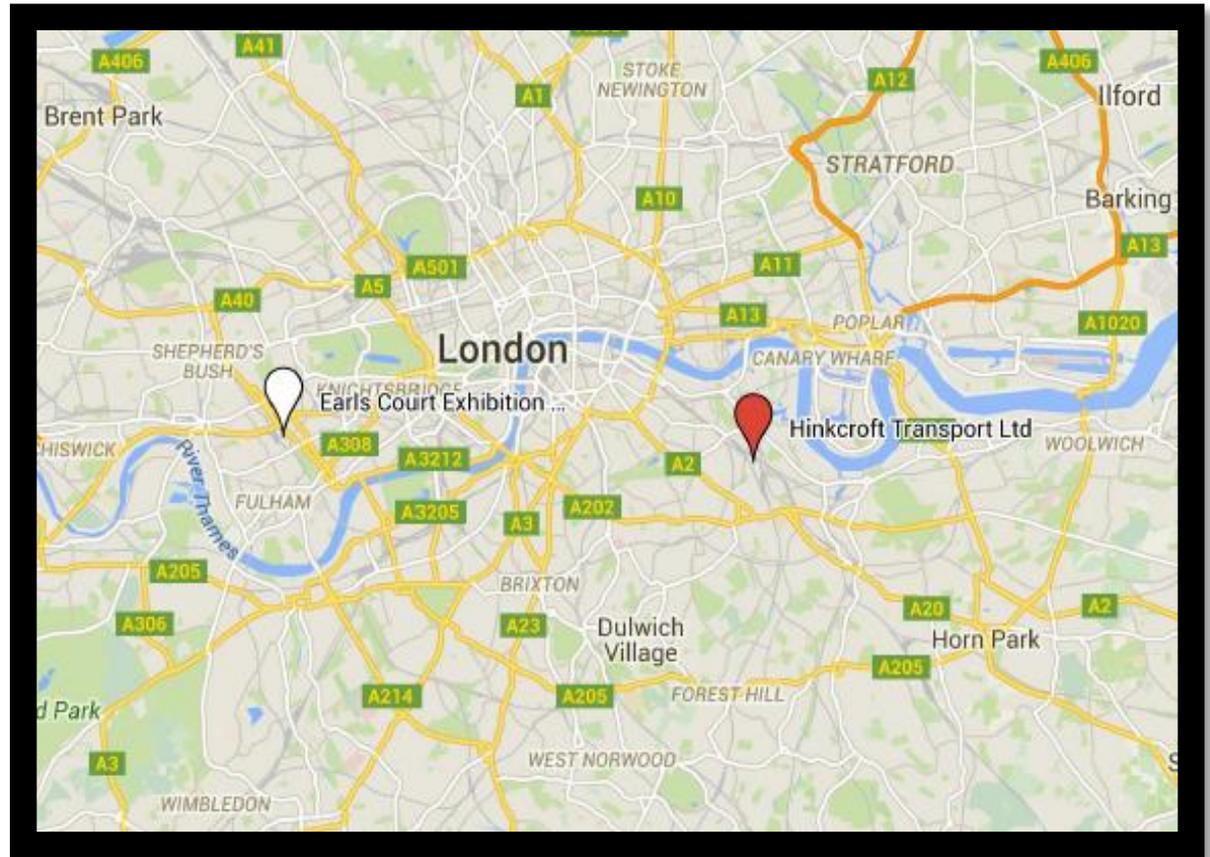
AC

Rev / Ref:

00

Wood 17.02.01

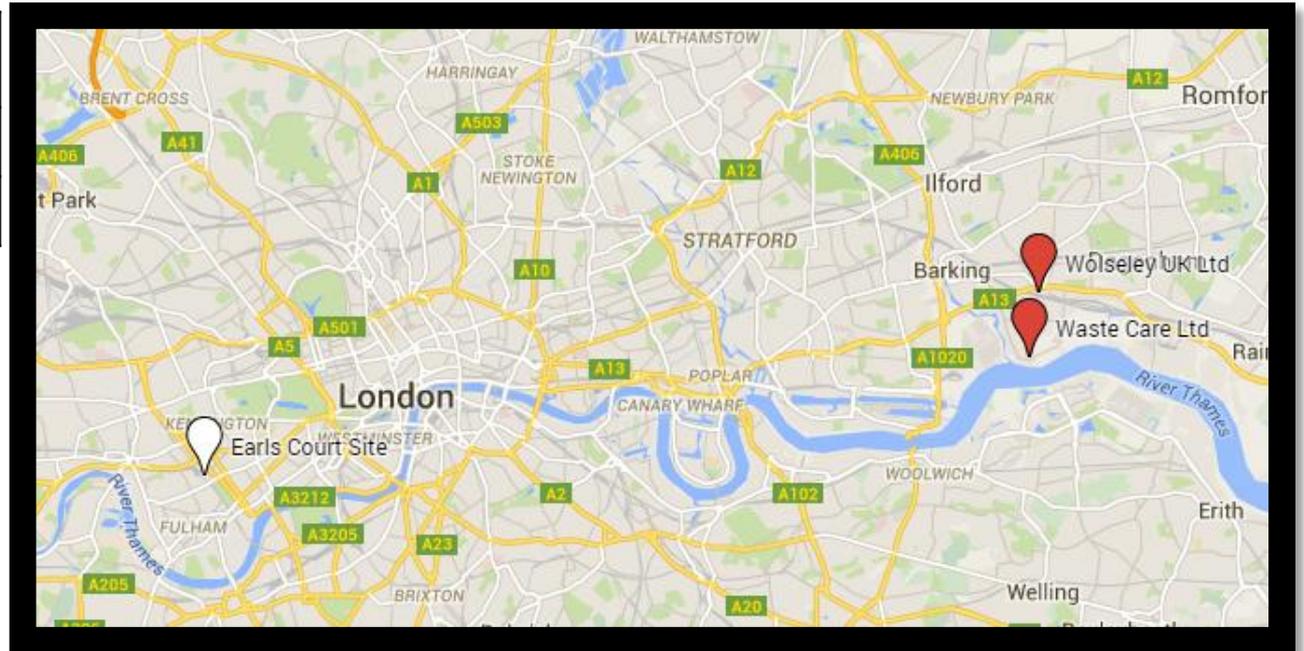
| | |
|-------------------------|------------------|
| Facility | Distance to site |
| Hinkcroft Transport Ltd | 8 miles |



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

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 |