



EVIDENCE BASE FOR THE EAST LONDON JOINT WASTE PLAN – APPENDIX 6 CD&E METHODOLOGY

**For the East London Boroughs of Barking & Dagenham,
Havering, Newham, and Redbridge**

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FINAL REPORT

Evidence Base for the East London Joint Waste Plan - Appendix 6

CD&E Methodology

Client: East London Waste Plan Boroughs

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1 METHODOLOGY FOR CD&E CAPACITY:

Construction, Demolition & Excavation (CD&E): Environment Agency data (waste data interrogator - WDI) was used to identify CD&E waste handled through permitted facilities.

The total CD&E capacity was calculated using the maximum throughput for sites accepting 'Inert C&D' waste on WDI over the last 5 years (2015-2019).

Excavation waste and C&D waste capacity can be identified and separated from each other using the EWC codes in the WDI of the waste received at the sites.

The excavation waste capacity throughput for EWC codes 17 05 was then estimated for the 'E' waste capacity (using 2019 WDI data as this has the highest throughput over the last 5 years).

The excavation waste capacity was then subtracted from the total CD&E capacity, with the remaining capacity allocated to C&D waste.

The capacity gap/surplus was then calculated for C&D waste using the C&D arisings forecast until 2036.

Excavation waste does not count towards net self sufficiency target in the London Plan because the particular characteristics of this waste stream mean that it will be challenging for London to provide either the sites or the level of compensatory provision needed to apply net self-sufficiency to this waste stream. There is some treatment capacity for excavation waste in East London and this is mainly treating contaminated soil. Excavation waste, mainly soil and stones, is often put to beneficial use, for example restoring landfill sites outside of London. Sites that utilise excavated materials are often temporary and don't 'manage' excavation waste in a way that contributes to ongoing capacity. Excavation waste was therefore excluded from the future capacity estimates in the Tables showing "Management capacity for C&D waste, arisings and calculated capacity surplus" for each Borough and summarised in Table 28.

As highlighted in the original project proposal, although this source of data is not perfect, in that the amount of waste reused on site or sent to exempt facilities is not recorded, there are no more complete datasets available.

There is not yet a way to monitor the London Plan's target for 95% beneficial use of excavation waste using publicly available data and this is something currently under consideration by the GLA.

Sites that accept Excavation waste across East London:

Borough	Site Name	Operator	Site Category*	Permit Type	Excavation waste received based on 2019 data
Havering	Andrews Waste Management	Andrews Waste Management Limited	Treatment	S1506 No 6: 75kte HCI Waste TS + treatment	98
Havering	Frog Island	S Walsh & Son Limited	Treatment	A16 : Physical Treatment Facility	31,267
Havering	Unit 5 Denver Site	Excel Waste Management Limited	Treatment	A16 : Physical Treatment Facility	130
Havering	Rainham Recycling Facility	Brett Aggregates Limited	Treatment	SR2010 No12 : Treatment of waste to produce soil <75,000 tpy	66,312
Havering	Albright Transfer Station	Albright Transfer Station Limited	Transfer	A14 : Transfer Station taking Non-Biodegradable Wastes	7,279

Havering	Frog Island Waste Management Facility EPR/ZP3533BS	Renewi UK Services Limited	Treatment	T03 : Other Biological Treatment installation	982
Havering	Gerpins Lane Reuse & Recycling Centre	Renewi U K Services Limited	Transfer	A13 : Household Waste Amenity Site	456
Newham	Barbers Road Facility	Regional Waste Recycling (Commercial) Ltd	Treatment	T03 : Other Biological Treatment installation	213
Newham	Metro (London G B) Limited	Metro (London G B) Limited	Treatment	SR2010 No12 : Treatment of waste to produce soil <75,000 tpy	20,748
Newham	Mohawk Wharf Recycling Facility EPR/FP3092LH	Keltbray AWS Limited	Treatment	T03 : Other Biological Treatment installation	35,064
Newham	Brewsters, Dock Road	Brewsters Waste Management Ltd	Transfer	A11 : Household, Commercial & Industrial Waste Transfer Stn	9,651
Newham	Jenkins Lane Reuse And Recycling Centre	Renewi U K Services Limited	Transfer	A13 : Household Waste Amenity Site	221
Newham	G B N Services Ltd, Canning Town Depot	G B N Services Limited	Treatment	A16 : Physical Treatment Facility	46

Newham	P M C Soil Solutions Soil Management Facility	P M C Soil Solutions Ltd	Treatment	S0906 : Inert and excavation WTS with treatment	1,619
Newham	Thames Wharf EPR/MB3437RG	Keltbray Environmental Ltd	Storage	TS : Temporary storage installation	56,995
Barking and Dagenham	S U C Exc Uk Ltd	S U C Exc U K Ltd	Treatment	SR2010 No12 : Treatment of waste to produce soil <75,000 tpy	47,454
Barking and Dagenham	Thunderer Road	Neptune Contract Services Limited	Treatment	A16 : Physical Treatment Facility	55,794
Barking and Dagenham	Barking Riverside Development Park	Muckit Recycling Limited	Treatment	S0906 : Inert and excavation WTS with treatment	2,405
Barking and Dagenham	75 - 77 Chequers Lane	R White Waste Management Ltd	Transfer	A9 : Hazardous Waste Transfer Station	3,460
Barking and Dagenham	Frizlands Lane Reuse & Recycling Centre	Renewi U K Services Limited	Transfer	A11 : Household, Commercial & Industrial Waste Transfer Stn	513
Barking and Dagenham	Jac Skip Hire	Jac Skip Hire Limited	Treatment	S1506 No 6: 75kte HCI Waste TS + treatment	214
Barking and Dagenham	M M S Recycling	M M S Supplies Limited	Treatment	S1506 No 6: 75kte HCI Waste TS + treatment	8,900
Barking and Dagenham	Titan Waste Solutions Limited	Titan Waste Solutions Ltd	Treatment	S1506 No 6: 75kte HCI Waste TS + treatment	85

Redbridge	Chigwell Road Reuse And Recycling Centre	Renewi U K Services Limited	Transfer	A13 : Household Waste Amenity Site	325
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*Transfer included if tonnage goes to recycling or treatment (i.e. not to transfer or landfill)