

Southeast London boroughs' joint waste technical paper: appendix A: waste apportionment figures for strategic waste sites

Facility name and address:	Churchfields Road Reuse & Recycling Centre and Waste Transfer Station, LB Bromley, Churchfields Road, Beckenham, BR3 4QY	Clinical Waste Incinerator, White Rose Environmental Ltd, Queen Mary's Hospital, Frogna Avenue, Sidcup, Kent	Energy from Waste Facility, Riverside Resource Recovery (Cory Environmental Ltd), Land adjacent River Thames, Norman Road, Belvedere, Kent	Energy Recovery Facility, SELCHP, Landmann Way, New Cross, Lewisham, SE14 5RS	Foots Cray Reuse & Recycling Centre, LB Bexley, Maidstone Road, Sidcup, DA14 5HS	Integrated Waste Management & Recycling Facility, LB Greenwich, Nathan Way, Thamesmead, London, SE28 0AN	Materials Recycling Facility, Viridor Waste Management, Century Wharf, Crayford Creek, Crayford, DA1	MRF & MBT Plant with HWRC and Waste Transfer Station, LB Southwark, Old Gas Works Site, 706 Old Kent Road, London SE15	Old Gas Works Site, 706 Old Kent Road, London SE15	Recycling Centre, Day Aggregates (Day Group Ltd), Murphy's Wharf, Lombard Wall, Charlton, London, SE7 7SH
Facility notes:	Council facility. Capacity shown is actual recycling tonnage averaged over the last three years. Currently operational.	Final residual waste disposal facility. The amount listed is the actual throughput (averaged over three years), which is 80% of the permitted capacity shown on the Environment Agency's list of incineration facilities (2008). Currently operational.	Final residual waste disposal facility. The amount listed is 88% (based on actual throughput of SELCHP) of the permitted capacity shown on the Environment Agency's list of incineration facilities (2008). This facility will become operational in 2011. Once operational, the actual annual throughput will be monitored, and the capacity figures revised accordingly	Final residual waste disposal facility. The amount listed is the actual throughput (averaged over three years), which is 88% of the permitted capacity shown on the Environment Agency's list of incineration facilities (2008). Currently operational.	Council facility. Capacity shown is 40% of maximum annual capacity (74,999 tonnes), representing a 40% recycling rate. Capacity will be increased 5% for each 5-year period. Remainder of waste not shown, as this is not a final residual waste disposal facility. Currently operational.	This facility separates waste and recycling, and has a current licensed capacity of 130,000 tonnes per annum. The apportionment capacity is 75% of the permitted capacity. Currently operational.	This facility separates waste and recycling, and has a current licensed capacity of 350,000 tonnes per annum. The apportionment capacity is 75% of the permitted capacity. Currently operational.	Apportionment capacity shown is based on 75% of MRF permitted capacity, 15% of MBT Plant permitted capacity, and 45% of the HWRC and WTS permitted capacities. Once operational, the actual annual throughput will be monitored, and the capacity figures revised accordingly. Identified to be operational by 2012.	This is a safeguarded waste site identified in Southwark's UDP and Core Strategy. The capacity is estimated using the planning approval on the adjacent site.	The site processes 350,000 tonnes of glass waste per annum. However, much of this is C&D waste. Capacity shown is the estimated municipal waste element, based on evidence. Currently operational.

NOTES: SEE APPENDIX B FOR DETAILED SITE ASSESSMENTS, INCLUDING THE DIFFERENT CAPACITIES FOR THE RECYCLING TARGETS
CAPACITIES FOR RECYCLING TARGETS FOR 2010 ARE 40% UNLESS OTHERWISE SPECIFIED

BEXLEY		6,365	616,000		30,000		262,500		
BROMLEY	19,136								
GREENWICH						97,500			75,000
LEWISHAM				427,405					
SOUTHWARK							88,350	286,200	

GLA APPORTIONMENT REQUIREMENTS FROM LONDON PLAN CONSOLIDATED 2008 (MSW & C&I, tonnes per annum)				
	2010	2015	2020	2025
BEXLEY	454,000	602,000	707,000	724,000
BROMLEY	245,000	325,000	382,000	391,000
GREENWICH	334,000	442,000	519,000	532,000
LEWISHAM	208,000	275,000	323,000	331,000
SOUTHWARK	244,000	323,000	379,000	388,000
TOTAL	1,485,000	1,967,000	2,310,000	2,366,000
Projected Surplus	859,655	385,530	50,405	2,280

Boroughs' average percent growth and change in growth between 2010 and 2025, showing 2025 capacity in column L					
	2010/2015	2015/2020	% change	2020/2025	2025
	1.33	1.17	-0.15	1.02	724,265
	1.33	1.18	-0.15	1.02	391,329
	1.32	1.17	-0.15	1.03	531,674
	1.32	1.17	-0.15	1.03	330,888
	1.32	1.17	-0.15	1.02	388,255
TOTAL	1.32	1.17	-0.15	1.02	2,366,411

Note: the waste capacity for 2025 (rounded to nearest thousand tonnes in column E) is determined by multiplying the percent growth in column J by the 2020 capacity requirement in column E

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Recycling Centre, HTL Waste Management Services (Hinkcroft), Landmann Way, London SE14 5RS	Recycling Centre, Ideal Waste Paper (Southwark), 32 Verney Road, London SE16	Reuse and Recycle Centre and Waste Transfer Station, LB Greenwich, Nathan Way, Thamesmead, London, SE28 0AN	Reuse & Recycling Centre, LB Lewisham, Landmann Way, New Cross, Lewisham, SE14 5RS	Thames Road Reuse & Recycling Centre and Waste Transfer Station, LB Bexley, Thames Rd, Crayford, DA1 5QJ	Thames Road Waste & Street Services Vehicle Depot, LB Bexley, Thames Rd, Crayford, DA1 5QJ	Waldo Road Reuse & Recycling Centre and Waste Transfer Station, LB Bromley, Waldo Road, Bromley, BR2 9RB	Windrow Composting, TJ Composting Group Ltd, Cookham Road, Swanley, Kent
Independent facility, used by local authority. Capacity shown is based on current recycling rate of 40% of actual throughput, as the council cannot necessarily implement a higher recycling rate. Remainder of waste not shown, as this is not a final residual waste disposal facility. Currently operational.	Independent paper processors. The licensed annual throughput is based on the capacity confirmed in the EA Exemption Certificate of 1,000 tonnes per week from each of 2 sites. The apportionment capacity is based on 75% of the permitted capacity. Currently operational.	Council facility. Capacity shown is 65% of maximum annual capacity (30,000 tpa) of reuse and recycle centre, plus 10% of the WTS (251,000 tpa). Remainder of waste not shown, as this is not a final residual waste disposal facility. Currently operational.	Council facility. Capacity shown is 40% of the actual throughput of 7,500, representing a 40% recycling rate. Capacity will be increased 5% for each 5-year period. Remainder of waste not shown, as this is not a final residual waste disposal facility. Currently operational.	Council facility. Capacity shown is 40% of maximum annual capacity (74,999 tonnes), representing a 40% recycling rate. Capacity will be increased 5% for each 5-year period. Remainder of waste not shown, as this is not a final residual waste disposal facility. Currently operational.	Part of the LB Bexley Thames Road R&RC and WTS site, the Council Depot (approx 2.17 hectares in area) has been safeguarded as a waste site. The capacity is estimated, based on the Jacob Babbie formula of 80,000 tonnes per hectare.	Council facility. Capacity shown is actual recycling tonnage averaged over the last three years. Currently operational.	This is a windrow composting site, accepting green garden waste only for composting. Actual throughput is 25,000. Currently operational.

							TOTALS		
				30,000	173,600		1,118,464	BEXLEY	
						30,000	25,000	74,136	BROMLEY
		44,600						217,100	GREENWICH
52,000			3,000					482,405	LEWISHAM
	78,000							452,550	SOUTHWARK
							2,344,655	GRAND TOTAL	

REPLACEMENT LONDON PLAN APPORTIONMENT REQUIREMENTS (MSW & C&I, tonnes per annum) - UPDATED DEC 2009					
	2011	2016	2021	2026	2031
BEXLEY	398,000	453,000	512,000	574,000	640,000
BROMLEY	213,000	243,000	274,000	308,000	343,000
GREENWICH	292,000	333,000	376,000	422,000	470,000
LEWISHAM	182,000	207,000	234,000	263,000	293,000
SOUTHWARK	213,000	243,000	275,000	308,000	343,000
TOTAL	1,298,000	1,479,000	1,671,000	1,875,000	2,089,000
Projected Surplus	1,046,655	873,530	689,405	493,280	287,155