

# GREATER LONDON AUTHORITY

[REDACTED]  
(By email)

Our Ref: MGLA210721-8853

6 August 2021

Dear [REDACTED]

Thank you for your request for information which the GLA received on 20 July 2021. Your request has been dealt with under the Environmental Information Regulations (EIR) 2004.

You asked for more detailed information on the assumptions used to carry out this assessment and any supporting documents, or technical annexes that may describe the modelling assumptions used in that study in more detail. You also asked to know the operational, in construction and planned residual waste infrastructure that has been assumed/ included in the assessment to estimate the combined infrastructure capacity.

Our response to your request is as follows:

The table below includes key model calculations underpinning relevant results included in the London Environment Strategy. This focusses specifically on the findings shown in LES Appendix 2, Figure 66, under which the projected waste arisings scenario mirrors that projected for the London Plan (though the underlying principles are similar for Figures 65 and 67) [https://www.london.gov.uk/sites/default/files/les\\_appendix\\_2\\_-\\_evidence\\_base\\_0\\_0.pdf](https://www.london.gov.uk/sites/default/files/les_appendix_2_-_evidence_base_0_0.pdf).

Please note that whilst the LES uses “municipal waste” to broadly define those wastes suitable for treating alongside household wastes collected by boroughs, the actual component parts of this waste stream comprise household waste and the municipal-like component C&I waste.

		Projection, 2030	Explanatory comments on GLA approach
Waste arisings (Mt)	Household waste	3.3	Projections are consistent with the London Plan projections. For details of the forecasting approach used, please refer to the <a href="#">London Plan Waste Forecasts and Apportionments Task 1 report</a> .
	C&I waste total	5.0	
	Municipal-like component of C&I waste	3.8	In projecting residual waste treatment requirements, we focus on the municipal-like fraction of commercial and industrial waste which is processable alongside household waste. To this end, allowing for an indicative composition of C&I waste, we estimate and retain those material fractions which would qualify as municipal. Together these amount to circa 76% of the total C&I waste arising.

	Municipal and municipal-like waste total	7.1	The summation of household waste and estimated municipal-like C&I waste.
Recycling rates (%)	Household waste recycling rate	50%	Recycling rates are as assumed in the London Environment Strategy, accounting for recycling at source, as well as contributions for residual waste treatment (including MBT).
	Municipal-like C&I recycling rate	78%	
	Combined municipal and municipal-like recycling rate	65%	
Remaining residual waste, capacity, and consequent gap (Mt)	Residual waste processable via EfW	2.248	Please note that further to accounting for recycling of materials at source, this remaining residual tonnage is corrected to allow for losses occurring during pre-treatment – hence the value is reduced by a further c. 10% after accounting for recycling.
	Indigenous EfW capacity *	2.223 (As per Figure 66)	This total includes existing operational EfW capacity in London, as well as the replacement EfW facility to be developed at Edmonton. For contributions from individual facilities, please see below.
	Resultant indigenous capacity gap	0.025 (As per figure 66)	Calculated as residual waste processable via EfW, less EfW capacity in London.

\* Known contributions to indigenous EfW capacity at the time of development of the LES in early 2018 include the following:

Site name	Operator	Estimated capacity (ktpa)
Riverside Resource Recovery	Riverside Resource Recovery Limited	785
Hillingdon Clinical Waste Incinerator	SRCL Ltd	7
SELCHP Energy Recovery Facility	South East London Combined Heat and Power Limited	455
Morden Wharf Pyrolysis Facility	Energy 10 Greenwich Limited	1
Edmonton EfW Facility (assumed capacity of replacement plant)	London Waste Ltd	700
Beddington ERF	Viridor	275
	<b>Total</b>	<b>2,223</b>

If you have any further questions relating to this matter, please contact me, quoting the reference at the top of this letter.

Yours sincerely

  
Principal Policy and Programme Officer, Waste and Circular Economy

If you are unhappy with the way the GLA has handled your request, you may complain using the GLA's FOI complaints and internal review procedure, available at:  
<https://www.london.gov.uk/about-us/governance-and-spending/sharing-our-information/freedom-information>