

# 5. Residual Waste Services

## Highlights

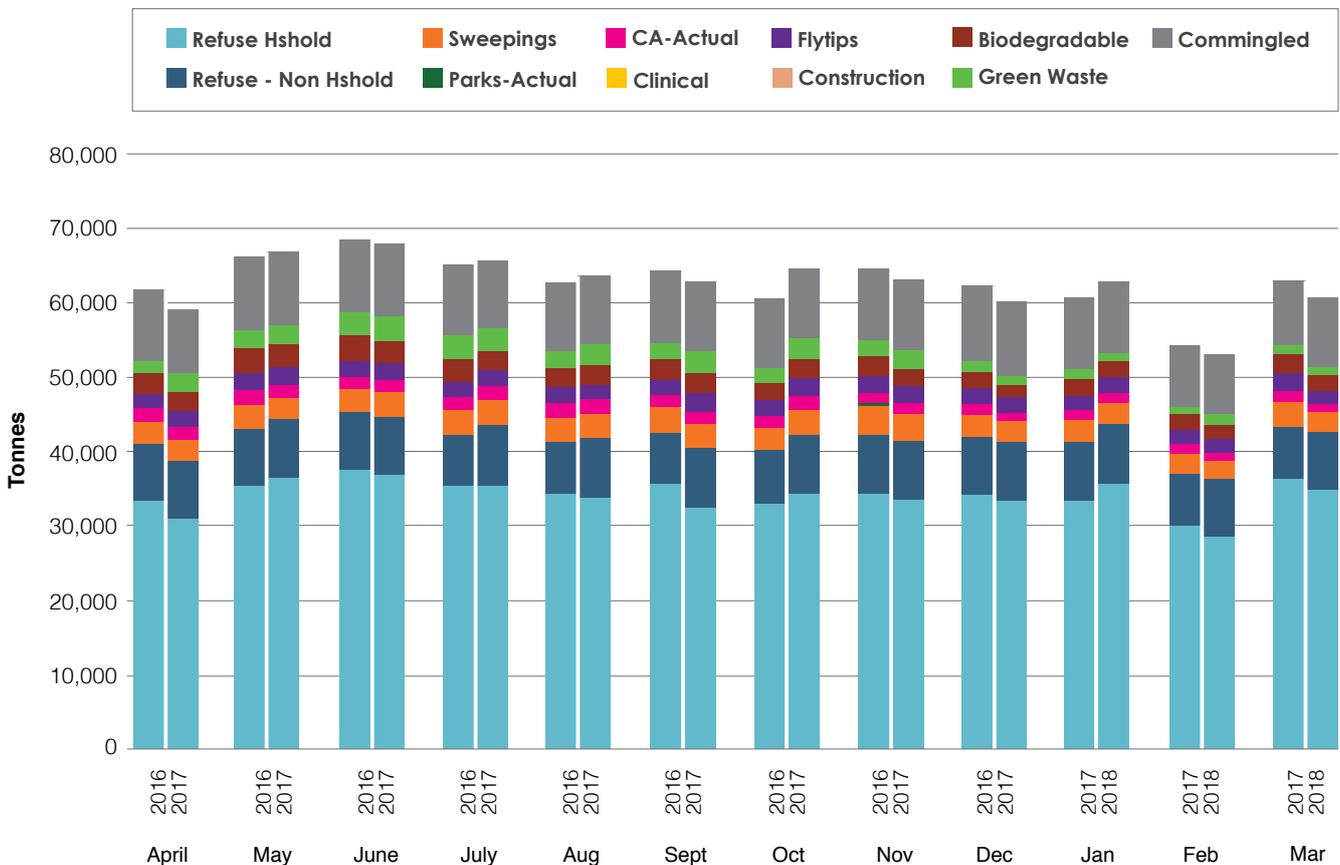
- Reduction in the amounts of residual waste delivered by the constituent boroughs.
- A reduction in the cost of residual waste disposal of £1.017 million when compared to 2016-17.

**5.1** The Authority implements many of the objectives of the 'North London Joint Waste Strategy', as well as discharging its statutory duties, through contracted services. This is principally the contractual arrangements for transporting and disposing of all residual (non-recyclable) household, commercial and clinical waste collected by the constituent boroughs, and received at all the reuse and recycling centres (RRCs).

## Tonnage information

The chart below shows the volume of different sorts of waste managed by the Authority. The data is from 2017-18 - right hand side of each pair of columns, and 2016 -17 - left hand side of each pair of columns. The information is provided by month to demonstrate the varying volumes of waste in any given month.

**Waste types comparison chart 2016-17 and 2017-18**



**NB:** This chart excludes boroughs' own waste reprocessors

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- 5.2** As noted in 4.2 above, the main waste contract (MWC) with LondonEnergy Ltd (LEL) is in place until 1 December 2025, and its scope, in terms of residual waste services, is:
- the reception, treatment and disposal of residual waste; and
  - the reception and transportation of other separately collected clinical and offensive waste for treatment by third parties.
- 5.3** During 2017-18 the Authority managed the disposal of 582,797 tonnes of residual waste delivered by the constituent boroughs. This is 3,438 tonnes less than 2016-17. The cost to the Authority was £34.96 million - down from £35.97 million in 2016-17.
- 5.4** NLWA made arrangements with LEL to recover large items of recyclable waste - principally scrap metal, wood, cardboard, rubble and some green waste, from the residual waste delivered by constituent boroughs. In 2017-18, 2,957 tonnes of residual waste was thereby recovered for recycling.
- 5.5** LEL delivers the service from Edmonton EcoPark, and from the transfer stations at Hendon (rail-based) and Hornsey Street (road-based) that it leases from the Authority.
- 5.6** The MWC is monitored using regular random inspections of each LEL site. NLWA aims to visit each site on a weekly basis but where this is not possible, emphasis is given to the busier sites. During 2017-18 a total of 105 visits were made across the three sites at Edmonton, Hendon and Hornsey Street.
- 5.7** These inspections focus on health and safety, vehicle turnaround times and verifying that the sites are running efficiently. NLWA Officers actively work with contractors to ensure the level of service expected is maintained.
- 5.8** LEL continues to provide the service to a good standard; four contract defaults were issued during the period covered by this report. The defaults related to operations at the RRCs and the Hornsey Street transfer station and resulted in a deduction of £1,037 from the contract price.
- 5.9** During inspection visits the movement of constituent borough vehicles are noted. This data is then compared with the transactions recorded by LEL and their invoices. Cost adjustments are made against these monitored transactions and almost 6,000 transactions were monitored in this way in 2017-18.
- 5.10** Further monitoring of weighbridge transactions is carried out through Waste Data Management System (WDMS) where all recorded transactions are reconciled against criteria set against the vehicles when they are registered by boroughs. In 2017-18 over 227,000 weighbridge transactions were validated through this system and adjustments to 1,200 transactions were made.
- 5.11** Provisional next day tonnage data is available through the WDMS the Authority provides, and tonnage reports are sent to constituent borough technical officers each week, month and quarter, so that they can carry out their own checks on transactions and highlight problems for NLWA to investigate.

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### Other activities

- 5.12** The waste (including recyclables) recorded is reported to the centralised national database, WasteDataFlow (WDF), by NLWA and the constituent boroughs on a quarterly basis.
- 5.13** To verify data and validate each constituent borough's submission to WDF, requires a significant number of site visits and audit work. The Authority's Contracts team has made significant progress in streamlining these data functions.
- 5.14** NLWA also manages the data for the payment of reuse and recycling credits to third parties.
- 5.15** The Authority's main telephone line regularly receives around 300 calls a month, mainly from residents with enquiries regarding the RRCs in their borough.
- 5.16** The Operations team works with the Communications team to ensure residents are well informed about the recycling services available to them in order to promote recycling. Information is provided via the 'Wise Up To Waste' website and social media as well as through printed materials, signage and specific campaigns.

### Strategic developments

- 5.17** The Authority's Hendon rail transfer station may be relocated to a new site nearby in order to facilitate the wider regeneration of the Brent Cross Cricklewood area in LB Barnet. The new transfer station will use road transport, rather than rail, so that it can deliver waste to the Authority's proposed new energy recovery facility (see section six of this report) rather than to third party waste facilities in the Home Counties.
- 5.18** LB Barnet has sought compulsory purchase powers in relation to the Hendon rail transfer station and the wider regeneration area. Authority officers have been liaising with colleagues from LB Barnet during 2017-18 on mutually agreeable terms for such a relocation. This work continues in 2018-19.
- 5.19** The Authority and LEL have been working with LB Enfield and its company Lee Valley Heat Network Ltd (trading as Energetik) on the provision of heat energy from the Edmonton EcoPark to a district heating network to be installed initially in the Meridian Water regeneration area of Enfield.
- 5.20** The relevant agreements are expected to be completed in 2018-19.