

# MAYOR OF LONDON

## Part 1 –Reduction and Recycling Plan (RRP) April 2023 to March 2025

### 1. *London Borough of Waltham Forest - Context:*

The Council's vision is for Waltham Forest to become a safer, cleaner, and healthier borough, benefiting from its wealth of diversity, where everyone is able to reach his or her potential. To achieve this, we aim to decrease the overall waste arisings in the borough and increase good quality recycling through reducing contamination in the recycling waste stream. Waltham Forest is committed to collectively achieving the waste and recycling targets of the London Environment Strategy. We are a member of the Joint Waste Disposal Authority (JWDA) and work closely in partnership to deliver waste minimisation and reuse / repair initiatives to residents and businesses in the borough.

LBWF is comprised of 12 districts and 23 wards. The borough has a number of densely populated districts with inner-city character and a more distinct suburban character in the north. In the inner-city areas, there is a high proportion of flats and HMO's, a large rental sector, and a highly transient population, with challenges around high levels of contamination in communal bins for blocks of flats and estates. In the suburban areas, there is a higher proportion of semi-detached properties with gardens. The census in 2018 confirmed the population of the borough to be 278,000 people, this figure is projected to expand to over 300,000, within the next six years. The rate of expansion will put a huge extra demand on council services, housing, waste management, public transport and the road network. The majority of new developments within the bough are flatted properties (due to space constraints), recycling for flats poses its own challenges (contamination, food wate collections etc), traditionally flatted properties do not achieve the same high recycling rates as households.

Waltham Forest began a Waste Contract with Urbaser Ltd in September 2019, this contact runs till September 2027. As part of this service we currently provide a commingled recycling service to all residents in kerbside properties, flats and flats above shops. We offer a mixed collection of food and garden waste to all kerbside properties and are incrementally introducing food wate collections to all flatted properties. We also have a trial underway to collect food waste separate from garden waste from 7,400 kerbside properties.

Waltham Forest also has a high number of Recycling, Reuse and Reduction Centre's (RRC) within the borough. The Kings Road site in the North of the Borough as well as Gateway Road in the centre and South Access Road site located towards the south of the bough. The Gateway Road site is run by Bywaters Waste Management on behalf of the North London Waste Authority (NLWA).

### 2. **Key strategic documents linked to this plan:**

This RRP has been developed in line with the Borough's:

- [Climate Emergency Action Plan](#)
- [Air Quality Plan](#)
- [Local Plan](#)
- [NLWA 2030 Waste Strategy](#)
- [Responsible Procurement and Circular Economy Strategy](#)

### 3. RRP Dashboard

<b>Set Common Performance Targets</b>	<b>Baseline Performance (2019/20)</b>	<b>Performance Target 2024/25</b>	<b>Metric Guidance / Data source</b>
Total annual household waste per head (kgs/head)	343.31 kgs/head	339.88 kgs/head	Defra stats (Ex BVPI84a)
Total annual household residual waste collected per household (kgs/household)	618.70 kgs/household	612.51 kgs/household	Defra stats (Ex NI191)
Total annual household avoidable (edible) food waste (kgs/head)	77 kgs/head	75kgs/head	Borough to estimate based on own or WRAP food waste composition data. Estimates should be based on avoidable food waste produced (i.e. not just food waste collected).
Annual household waste recycling rate (% by weight)	32.3%	34%	Defra stats
Annual LACW recycling rate (% by weight)	29.7%	32%	Defra stats
<b><u>Proportion (%) of properties receiving the Mayor's minimum level of service for household recycling:</u></b>			
% of kerbside properties (all households on a kerbside collection) collecting six main dry materials (glass, cans, paper, card, plastic bottles and mixed rigid plastics (pots, tubs and trays) <u>and separate food waste</u> )	100% collection of mixed food and garden waste 8.5% separate collection of food waste	100% collection of mixed food and garden waste 8.5% separate collection of food waste	Borough to take from own info. Separate food waste does not include co-mingled with garden waste
% of kerbside properties (all households on a kerbside collection) collecting six main dry materials (glass, cans, paper, card, plastic bottles and mixed rigid plastics (pots, tubs and trays))	100%	100%	Borough to take from own info (Nb included for boroughs that are unable to provide food waste collections due to long term contractual issues).
% of flats (communal collections, <u>excluding flats above shops</u> ) collecting six main dry materials <u>and separate food waste</u>	15%	90%	Borough to take from own info..
% of flats (communal collections, <u>excluding flats above shops</u> ) collecting six main dry materials (glass, cans, paper, card, plastic bottles and mixed rigid plastics (pots, tubs and trays)).	100%	100%	Borough to take from own info.
% of flats above shops (FAS) collecting six main dry materials (glass, cans, paper, card, plastic bottles and mixed rigid plastics (pots, tubs and trays)) <u>and separate food waste collection</u>	0%	25%	Borough to take from own info.
% of flats above shops (FAS) collecting six main dry materials (glass, cans, paper, card, plastic bottles and mixed rigid plastics (pots, tubs and trays)).	100%	100%	Borough to take from own info.
Proportion (%) of waste fleet heavy vehicles that are ULEZ compliant	100%	100%	See <a href="http://www.tfl.gov.uk/modes/driving/ultra-low-emission-zone">www.tfl.gov.uk/modes/driving/ultra-low-emission-zone</a>
Performance of LACW activities against the Mayor's EPS (tonnes of CO2eq per tonne of waste managed).	0.07	0.06	<a href="#">Use tool found here</a> Boroughs to set by uploading WDF data into the GLA tool.

#### 4. RRP Actions: Part one

Ref	Theme <ul style="list-style-type: none"> <li>Waste Reduction</li> <li>Maximising Recycling</li> <li>Reducing Environmental Impact</li> <li>Maximising local waste sites</li> </ul>	Action title	Action Description	Expected Target / Impact	Timescale for action	WCA/WDA
1	Maximising Recycling	Communications and Engagement	<ul style="list-style-type: none"> <li>Digital screens on Vehicles - Fully utilising the digital screens on waste/recycling vehicles to reflect current campaigns (seasonal and non-seasonal) by uploading MP4 short clips to capture residents' attention. Future planned campaigns include: Podback coffee pod recycling, promoting indoor recycling bags, promoting food waste reduction and raising awareness of common contaminants.</li> <li>Updating livery on fleet vehicles to encourage uptake in recycling participation.</li> <li>Waste and Recycling Webpages - Review and update webpages to promote key 'reduce, reuse &amp; recycling' messages. Links to key webpages such as RRC's and imbedded NLWA 'can I recycle it' look up. Webpages to promote: Home composting, Additional Items, Furniture Recycling and reuse organisations, Bring Banks, Real Nappies.</li> <li>Waltham Forest News (WFN) – the Council's magazine which is circulated quarterly to all homes and business in the borough. The Waste Team regularly place advertisements and work with comms colleagues on editorials to educate residents on waste reduction, recycling, and re-use messages. Recent articles/ads have included – coffee pods promotion, contamination messaging, recycling, launch of DIY materials recycling service, increased recycling participation.</li> <li>Targeted Social Media – The Waste Team working with comms colleagues to target specific messages to specific demographics. Recent targeted campaigns have dealt with contamination (Yes Yes No) and promoting additional items recycling.</li> <li>Outdoor Advertising i.e. Bus Stops/Bus Backs Billboards and street kiosks – In order to reach a wider segment of residents the Waste Team recognise the importance of adverts in areas of high footfall and to the this end are planning a campaign to disseminate key contamination reduction and recycling participation messages to be delivered in the summer of 2023.</li> </ul>	<ul style="list-style-type: none"> <li>WFN Ads – 3 times per year.</li> <li>Targeted social media – 100k reach with 10k engagement</li> <li>Outdoor Advertising – Summer 2023.</li> <li>Targeted social media – 100k reach with 10k engagement</li> </ul>	<ul style="list-style-type: none"> <li>Refresh digital screens content quarterly</li> <li>Vehicle livery updated March 2023</li> <li>WFN Ads – 3 times per year</li> <li>Outdoor Advertising (i.e. Bus Stops/Bus Backs Billboards and street kiosks) campaign delivered over Summer 2023</li> </ul>	WCA
2	Maximising Recycling	Reducing contamination - flats	<ul style="list-style-type: none"> <li>Crew refresher training to identify common contaminants.</li> <li>Crew refresher training to report contamination on White Space via in-cab technology</li> <li>Crews issued with contamination stickers for bins to inform Managing Agents, Residents and RSL's that bins are contaminated, and to ensure that contaminated bins are not emptied on future occasions until contamination has been removed.</li> <li>Above training to be mandatory for new crew operatives and for to induct agency/temporary staff to ensure they are aware of practices and policy in this area.</li> <li>Temporary officer recruited to liaise with managing agents and the council's enforcement team to work collaboratively to reduce contamination in communal bins</li> <li>Contamination communications campaign targeted at estate residents: targeting communal blocks with high contamination with A5 postcards and installation of A3 posters in bin stores. Resources provided to Managing Agents and Residential Social Landlords.</li> </ul>	<ul style="list-style-type: none"> <li>Reduction in contamination rate of approximately 5%</li> <li>10% reduction in gate rejects</li> </ul>	<ul style="list-style-type: none"> <li>By end of financial year 2023/24</li> </ul>	WCA
3	Maximising Recycling	Improving Quality of Recycling - flats	<ul style="list-style-type: none"> <li>Recommendations to make improvements to bins and locations of bins e.g. reverse lidded bins &amp; Metrostore Pods to better contain waste/recycling and provide a visual improvement to encourage residents to be diligent with waste and place correct items in correct receptacles.</li> </ul>	<ul style="list-style-type: none"> <li>Activities aim to achieve targets set out in Dashboard.</li> </ul>	<ul style="list-style-type: none"> <li>Targets reached by end of year</li> </ul>	WCA

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4	Maximising Recycling	Planning Guidance	<ul style="list-style-type: none"> <li>Working with architects and planners to design effective recycling provision and collections.</li> <li>Waste officers to attend planning meetings at early pre-application stage in order that waste recycling arrangements are given due consideration and designed into original plans. This will enable appropriate capacity and location as well as work-in space for food waste collections and Large Item Collection (reuse). It will further provide an operational perspective to ensure locations and materials are suitable for collection taking into account traffic flow and mitigate Health and Safety issues.</li> <li>Waste able to recommend that a planning application is not approved if appropriate consideration has not been given to the above.</li> <li>Continued engagement with ReLondon and Planning Department to ensure commitment to recycling storage provision is included within all new development applications for flats and estates. Compliance with Mayor of London's <u>London Plan guidance</u> and policies e.g.</li> <li>London Plan Policy D3 3.3.18 <ul style="list-style-type: none"> <li><i>Shared and easily accessible storage space supporting separate collection of dry recyclables, food waste and other waste should be considered in the early design stages to help improve recycling rates, reduce smell, odour and vehicle movements, and improve street scene and community safety'</i></li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Continued engagement with planning officers and developers to ensure that reuse and recycling is designed into developments.</li> <li>Planning guidance updated according to any changes in policy/legislation.</li> </ul>	<ul style="list-style-type: none"> <li>By end of year</li> </ul>	WCA
5	Maximising Recycling	Kerbside Contamination Project – Part 1	<ul style="list-style-type: none"> <li>Leaflets to kerbside properties on worst performing rounds where crew have had the most rejected loads. Analysing data provided by the MRF on gate rejects to identify which rounds/crew have the most full or partial rejections when tipping at the facility. Identifying which roads are serviced by the crews with the most rejected loads. Designing and periodically updating a contamination leaflet with information on the most common contaminants, which receptacles they should go in and why this is a problem. Leaflet is hand-delivered to all street-level properties services by crews with a high MRF rejection rate. Leaflets are delivered quarterly and around 15,000 leaflets are delivered at any one time.</li> <li>Planned door knocking to roads with highest levels of contamination to educate residents.</li> </ul>	<ul style="list-style-type: none"> <li>Reduction in contamination rate of approximately 5%</li> <li>10% reduction in gate rejects</li> <li>30,000 leaflets sent out per annum</li> <li>Door knocking engagement rate of 40%</li> </ul>	<ul style="list-style-type: none"> <li>Door-knocking planned for July 2023</li> </ul>	WCA
6	Maximising Recycling	Kerbside Contamination Project – Part 2	<ul style="list-style-type: none"> <li>This project is ongoing and aims to tackle the worst offenders through a highly targeted approach to tackle contamination compromising of a four-stage process created to penalise householders that persistently contaminate their dry recycling bins. Householders receive different levels of notifications, warning letters and formal notices for continual abuse of the recycling service, ultimately resulting in Fixed Penalty Notices being issued to the worst contaminating households. The landlords of all properties registered under the Council's Private Rental Property Licensing scheme are also contacted directly in addition to the warning letter issued to the tenant.</li> <li>As a second strand to this project - Where bins are contaminated the Waste Team will arrange for bins to be emptied as refuse as a one off and at the same time enact interventions. Crew are also instructed to sticker bins that are contaminated so residents are aware. Waste team also liaise with managing agents to disseminate information to residents on contamination. If contamination issues persist then the onus is placed on managing agent to empty contaminated recycling bins and further disseminate literature to residents/organise for recharge. As a third stage, and when cooperation from managing agents is not forthcoming, enforcement action is taken against managing agents.</li> </ul>	<ul style="list-style-type: none"> <li>Given the current trend it is anticipated that around 15,000 stage 1 letters will be sent out in 22/23.</li> </ul>	<ul style="list-style-type: none"> <li>Right across the year</li> </ul>	WCA

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7	Maximising Recycling	Progress the range of expanded materials that can be accepted for Recycling at the kerbside	<ul style="list-style-type: none"> <li>Waltham Forest is unique amongst North London Boroughs in offering residents of street level properties the ability to recycling small WEEE items (e.g. Kettles, hairdryers etc), household batteries, clothes/shoes and batteries.</li> <li>Residents can place small WEEE, batteries and textiles bagged on top of their recycling bin and the crew will collect the materials and place them in a pod underneath the vehicle to keep them secure and dry. The materials are bulked in the Council's depot until enough material is amassed so that the off-taker can collect. Since the inception of the scheme in 2020 over 50 tonnes of additional items have been collected.</li> <li>Although some items are recycled this service promotes reuse (for example textile and WEEE) and in the case of coffee pods the coffee goes to AD to produce energy while the pods themselves are recycled.</li> <li>Continuing to promote kerbside recycling for street level properties of small WEEE items (e.g. Kettles, hairdryers etc), household batteries, and textiles.</li> <li>Continuing to channel items collected for reuse.</li> <li>Promoting newly introduced (February 2022) coffee-pod recycling service for plastic and metal coffee pods. Residents leave items in coloured bags on top of their recycling bins to allow for crews to collect from their properties. Over 250,000 pods collected to date. [Trialling Podback coffee pod collection in flat buildings with concierge]</li> </ul>	<ul style="list-style-type: none"> <li>Maintain contracts for offtakers to ensure continuity of service.</li> <li>15 tonnes will be recycled from the kerbside each year; adding approximately 0.01% to the overall recycling rate.</li> <li>Reduction in consumption-based emissions from reuse of textiles</li> <li>Coffee diverted from EfW sent to AD to power local homes.</li> </ul>	<ul style="list-style-type: none"> <li>Right across 2023/2024</li> </ul>	WCA
8	Maximising Recycling	Christmas Tree Recycling	<ul style="list-style-type: none"> <li>Offering residents in communal and street level properties a collection service for their real Christmas trees.</li> <li>Residents can book a collection using the online form and a dedicated crew will collect on the allotted day and from the agreed location.</li> <li>Promoting the service through seasonal communications [online? Elsewhere?].</li> </ul>	<ul style="list-style-type: none"> <li>A minimum tonnage of 10 tonnes</li> <li>A minimum number of bookings circa 1000.</li> </ul>	<ul style="list-style-type: none"> <li>Measured after completion of Christmas season, roughly end of February 2023.</li> </ul>	WCA
9	Maximising Recycling	Reducing residual waste capacity	<ul style="list-style-type: none"> <li>Offering residents a 140 litre refuse bin as standard with a free swap/replacement service if they currently have a 240 litre bin.</li> <li>Currently reviewing collection residual collection frequency. LBWF have carried out a public consultation to establish residents views on recycling and waste to assist with progressing this review.</li> </ul>	<ul style="list-style-type: none"> <li>Reducing residual waste capacity</li> </ul>	<ul style="list-style-type: none"> <li>Ongoing</li> <li>Under review with a decision to be made 2023</li> </ul>	WCA
10	Maximising Recycling	Communal Food Waste	<ul style="list-style-type: none"> <li>Roll-out of separate food waste collections to all purpose-built flat properties in the borough not currently receiving service, including procurement of food waste caddies and communal containers.</li> <li>Recruitment of Food Waste Officer on a one year contract to escalate the roll out food waste service to all flatted properties that do not currently have the service.</li> </ul> <p>Working with Managing Agents and Registered Social Landlords to integrate food waste collection service into existing blocks.</p>	<ul style="list-style-type: none"> <li>Aim of 90% purpose built flat coverage by March 2025.</li> <li>Increase food waste recycled in the borough through diversion from the residual waste stream</li> </ul>	<ul style="list-style-type: none"> <li>Recruited Recycling Officer Jan 2023</li> <li>50% of all purpose built flats to receive a food-waste collection by Summer 2024 Achievable?</li> </ul>	WCA



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11	Maximising Recycling	Separation Food Waste Collection at the kerbside	<ul style="list-style-type: none"> <li>Currently collecting weekly separate food waste from 7,400 kerbside properties on a trial basis</li> <li>The trial shows good service participation and continued use overtime</li> <li>Each resident receives a roll of caddy liners quarterly with a half yearly letter/leaflet to encourage continued participation</li> </ul>	<ul style="list-style-type: none"> <li>Currently reviewing the service with the ambition to roll out food waste to all kerbside properties, subject to Government funding</li> <li>Increase food waste recycled in the borough through diversion from the residual waste stream</li> </ul>	<ul style="list-style-type: none"> <li>If agreed there will be a full roll out by 2024/25</li> </ul>	
12	Waste Reduction	Engaging Schools Project	<ul style="list-style-type: none"> <li>Dennis to the Rescue – retrofitted mobile classroom and workbooks bespoke to the borough.</li> <li>Touring local schools to deliver waste reduction and reuse messages. Linking good recycling with climate change mitigation and reduced contamination.</li> <li>Project Earth Rock – supporting a project to deliver live musical assemblies on environmental and sustainability issues to primary school Key Stage 2 and 3 children. Promote teacher training and pupil pack to further explore these issues.</li> </ul>	<ul style="list-style-type: none"> <li>Aim to engage a minimum of 10 schools and/or 1000 students per year</li> </ul>	<ul style="list-style-type: none"> <li>By end of 2023/2024</li> </ul>	
13	Waste Reduction	Championing food waste reduction initiatives	<ul style="list-style-type: none"> <li>Work in partnership with the JWDA to promote waste reduction activities such as <i>Love Food, Hate Waste</i> through public stalls at community events. Food prevention workshops held at community events and schools; engagement to reduce amount of food waste disposed of per household</li> <li>Explore partnership and local promotion of <i>Olio</i>, <i>Kitche</i> &amp; the <i>Too Good To Go</i> apps in the borough.</li> <li>Working with local schools to encourage more vegetarian options (to help tackle climate change) and to reduce overall food waste.</li> </ul>	<ul style="list-style-type: none"> <li>Subject to approval, promotion of the <i>Olio</i>, <i>Kitchen</i> and <i>Too Good to Go</i> apps via council communications channels.</li> <li>To reduce avoidable food waste by 5kg/head in 2023 and 8kg/head in 2025</li> </ul>	<ul style="list-style-type: none"> <li>By end of 2023/2024 and beyond into 2025.</li> </ul>	WCA/WDA
14	Waste Reduction	Food Waste	<ul style="list-style-type: none"> <li>Offering schools a food waste recycling service.</li> <li>Currently 30% of schools that receive a collection service from the council have a food waste collection service.</li> <li>All schools that currently have a recycling collection (and do not currently have a food waste collection) will be offered this service.</li> </ul>	<ul style="list-style-type: none"> <li>100% of schools that have a collection from the council to have a food waste collection</li> </ul>	<ul style="list-style-type: none"> <li>By end of Autumn 2023</li> </ul>	WCA
15	Waste Reduction Reducing Environmental impact	Partnership with social enterprise to develop 'object lending library'.	<ul style="list-style-type: none"> <li>Work with partner to stock range of tools and equipment for hire and ensure robust arrangements in place with suppliers.</li> <li>LBWF has recently completed a bid in partnership with the London Legacy Development Corporation to offer a Library of Things in the borough located in Leytonstone.,</li> <li>Funding has been awarded.</li> </ul>	<ul style="list-style-type: none"> <li>Reduction in residual waste to landfill and consumption-based carbon emissions; increased awareness on the circular economy.</li> <li>Target of 200 members of the public to borrow items within first two months of opening.</li> </ul>	<ul style="list-style-type: none"> <li>Space identified – by July 2023</li> <li>Social enterprise partner in place – September - December 2023</li> </ul>	WCA
16	Waste Reduction	Reducing single-use plastic and promoting waste minimisation	<ul style="list-style-type: none"> <li>Continue to encourage local businesses in the borough and request they sign up to a charter of commitment to reduce the single-use plastic they produce or use, with the aim of creating single-use plastic free areas/zones.</li> <li>Recycling officers to produce communications materials to encourage small businesses to prevent waste and consume less e.g. avoidable food waste and unnecessary packaging, whilst promoting the use of materials that can be reused and recycled.</li> </ul>	<ul style="list-style-type: none"> <li>Positive PR for council and raised awareness of action on single use plastics, re-use and waste reduction.</li> <li>Target of 10% increase in number of businesses signed up to Refill London scheme.</li> </ul>	<ul style="list-style-type: none"> <li>By end of Summer 2024</li> </ul>	WCA / WDA

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17	Waste Reduction	Outreach Activities	<ul style="list-style-type: none"> <li>Attend community events such as Tour De Waltham Forest, Council Town Hall (Fellowship Square) summer events to disseminate waste reduction/reuse messages and talk about contamination and the importance of recycling correctly.</li> <li>Attend Community/Estates action days organised by Council's housing team to spread messages outlined above.</li> <li>Recycle Week in October 2023 – focus on delivering community events and promoted targeted comms including: <ol style="list-style-type: none"> <li>Engage local businesses and residents to promote Refill and to become part of the scheme.</li> <li>Stalls held in areas of high footfall (e.g. tube stations) to promote Additional Item Recycling.</li> </ol> </li> </ul> <p>Spring Clean – supporting this annual event by organising litter-picks with community groups.</p>	<ul style="list-style-type: none"> <li>Waste Team to attend a minimum of 2 summer events and action days and to engage with 1000 plus residents.</li> <li>To support/attend at least 5 litter pick events.</li> </ul>	<ul style="list-style-type: none"> <li>By the end of 2023/2024</li> </ul>	WCA
18	Waste Reduction	Reuse and repair activities and events	<ul style="list-style-type: none"> <li>Working with NLWA to offer and promote Repair, Reuse and Upcycling events in the borough:</li> </ul> <p>A series of events will be delivered across the Authority area to encourage north London residents, reuse, repair and upcycling of large household items such as furniture and soft home furnishings, helping to preserve valuable resources and divert a significant volume of reusable items from disposal, whilst also creating opportunities to raise the profile of organisations and individuals operating in this sector in north London.</p> <ul style="list-style-type: none"> <li>Following our well received Repair Week campaign in March 2023, continuing to develop our Repair Week celebrations in 2024. Again, outreach stalls held to engage the community. Promotion of community partners' existing events during Repair Week, with encouragement to also create bespoke events for Repair Week. Comms to encourage Covering the repair categories of textiles, bicycles, furniture and electronics. Wide ranging comms with Councillor support to share the message and raise awareness of events.</li> <li>Creation of the borough's own repair directory, mapping various services and opportunities to upskill, both within the community and with local businesses.</li> </ul>	<ul style="list-style-type: none"> <li>Reduction in residual waste to landfill and consumption-based carbon emissions.</li> <li>Partnership with Reuse charities: Summer 2023</li> <li>Together with smaller events, two repair and reuse (Fix Fest/ Zero Waste) days to take place in the borough (run by community partner) in October and again for Repair week in March.</li> <li>Programme of Repair Events and comms created (both Council and community led) for Repair Week 2023.</li> <li>Repair focussed community partner engaged within 2023 to create Repair Directory</li> </ul>	<ul style="list-style-type: none"> <li>Events scheduled throughout the year</li> </ul>	WCA / WDA

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19	Waste Reduction  Maximising Local Waste Sites	Reuse and repair	<ul style="list-style-type: none"> <li>Continue to promote RRC sites in borough as a means to reuse and recycle items.</li> <li>The average recycling rate across the NLWA RRC network was 72.1% in 2021/22, meaning encouraging visits to the site should help improve overall recycling rates and onward reuse/recycling of material streams.</li> <li>Continue to promote Second Time Around Re-Use shop in located at Kings Road RRC site in Chingford. The shop provides residents with the opportunity to buy ethically by purchasing pre-loved items at affordable prices.</li> <li>Promote NLWA drop off and collection of DIY materials at South Access Road providing an avenue for residents to borrow DIY tools that would otherwise have gone to waste/been recycled.</li> </ul>	<ul style="list-style-type: none"> <li>Activities aim to achieve targets set out in Dashboard, but contributing to waste reduction.</li> </ul>	<ul style="list-style-type: none"> <li>By the end of 2023/2024</li> </ul>	WCA / WDA
20	Waste Reduction	Large Item Collection Re-use	<ul style="list-style-type: none"> <li>Promoting Reuse service for Large Item Collections. Segregating materials and working with partners for items to have a second life/be upcycled.</li> </ul>	<ul style="list-style-type: none"> <li>25% of all LIC to be reused.</li> </ul>	<ul style="list-style-type: none"> <li>[By end of 2023/2024]</li> </ul>	WCA
21	Waste Reduction	Food Waste	<ul style="list-style-type: none"> <li>Pan-London Food Waste Campaign will be delivered in partnership with ReLondon, London Boroughs and London Waste Disposal Authorities to inform and empower individuals to reduce their personal food footprint. The <a href="#">Eat Like a Londoner and</a> campaign is using inspiring messages and practical advice to build on the success of past campaigns such as TRiFOCAL (the 'Small Change, Big Difference' campaign), and existing campaigns such as Food Wave.</li> </ul>	<ul style="list-style-type: none"> <li>Activities aim to achieve targets set out in Dashboard.</li> </ul>	<ul style="list-style-type: none"> <li>Campaign already launched and will continue across 2023/2024</li> </ul>	WCA/WDA
22	Waste Reduction	Low Plastic Zone	<ul style="list-style-type: none"> <li>Resident behaviour change campaign will be delivered in partnership with north London businesses, encouraging customers to bring reusable alternatives for everyday packaging with them when shopping in their local high street. Activity will include business engagement and advertising within participating businesses as well as OOH and social media advertising to target residents directly and drive them to a dedicated webpage. Campaign will be trialled in 1 NLWA borough, Barnet, with roll-out aimed later part of 2023/24 to Waltham Forest. Procurement of contractor recently completed and specific campaign targets being developed.</li> </ul>	<ul style="list-style-type: none"> <li>To be decided based upon trial</li> </ul>	<ul style="list-style-type: none"> <li>Latter part of 2023/24</li> </ul>	WCA/WDA
23	Waste Reduction	Schools Engagement	<ul style="list-style-type: none"> <li>Education: A research project with schools is being delivered to understand the priority areas of interest and gaps relating to waste minimisation education. This will also enable the Authority to understand preferred educational offers that could be provided that would increase knowledge of waste issues and waste reduction amongst school staff, pupils, and wider school community. 50 schools are due to be engaged through interviews and surveys, and views of parents/carers and teachers are being sought through four focus groups.</li> <li>School Earth Day event attended in April 2023 with waste sorting game for children and outreach stall.</li> </ul>	<ul style="list-style-type: none"> <li>Activities aim to achieve targets set out in Dashboard.</li> </ul>	<ul style="list-style-type: none"> <li>Date TBC [Should I check with Poppy? Is she involved?]</li> <li>April 2023</li> </ul>	WDA
24	Waste Reduction	Waste Prevention Community Fund	<ul style="list-style-type: none"> <li>Waste Prevention Community Fund: Not-for-profit organisations will have the opportunity to apply to the newly increased fund of £120,000 for projects that support waste prevention in north London. The fund for 2022-23 will open for applications November 2022 with awards due to be issued by March 2023.</li> </ul>	<ul style="list-style-type: none"> <li>Activities aim to achieve targets set out in Dashboard.</li> </ul>	<ul style="list-style-type: none"> <li>By end of 2023/2024</li> </ul>	WCA/WDA
25	Waste Reduction	Reusable Nappies	<ul style="list-style-type: none"> <li>Reusable nappy scheme: NLWA continues to pay a subsidy, increased as of 1 April 2023 from £54.15 to £70 per baby to parents/carers in north London who use reusable nappies rather than disposable ones. The level of subsidy reflects the saving to NLWA of not having to dispose of the nappies in the waste stream. The voucher scheme is administered by Real Nappies for London (RNfL) and includes all North London boroughs as members.</li> <li>WF to continue to support the scheme on social media and through targeted and paid advertising</li> </ul>	<ul style="list-style-type: none"> <li>Number of clicks to WF webpage</li> <li>At least 500 vouchers issued annually</li> <li>At least 3 demonstration/swap events held annually.</li> </ul>	<ul style="list-style-type: none"> <li>By the end of 2023/2024</li> </ul>	WCA/WDA/RNfL



Ref	Theme <ul style="list-style-type: none"> <li>Waste Reduction</li> <li>Maximising Recycling</li> <li>Reducing Environmental Impact</li> <li>Maximising local waste sites</li> </ul>	Action title	Action Description	Expected Target / Impact	Timescale for action	WCA/WDA
			<ul style="list-style-type: none"> <li>Work with RNfL to promote nappachino demonstration and second-hand reuse events withing the borough.</li> </ul>			
26	Waste Reduction	RRC's	<ul style="list-style-type: none"> <li>All RRCs have reopened after the height of the pandemic and are now operating full time hours.</li> <li>The booking system is under review, looking at the positives and negatives of having/not having this in place, and a decision whether to retain this or not.</li> <li>Textile's contract has been renewed and we are now looking to increase the scope of textiles and carpets that we accept at our RRCs network. We hope to have this offer up and running in 2023.</li> <li>Waltham Forest South Access RRC, Summers Lane RRC and a third site at Wembley Waste Transfer Station have been part of a trial to recycle expanded EPS since November 2021. The trial is a partnership with British Plastics Federation and Greenbank Recycling Solutions. The recycling of this material will allow it to be used in insulation and similar products, avoiding the need for virgin materials to be used for these purposes. The trial runs till December 2022.</li> <li>A trial to recycle mattresses via RRC sites began in June 2021. By the end of November 2021 almost 26,300 units had been recycled. As of Qtr.1 22/23 Waltham Forest has been attributed 342.5 tonnes of mattresses that have been diverted from EfW.</li> </ul>	<ul style="list-style-type: none"> <li>Activities aim to achieve targets set out in Dashboard.</li> </ul>	<ul style="list-style-type: none"> <li>By the end of 2023/2024</li> </ul>	WDA
27	Waste Reduction	LEL	<ul style="list-style-type: none"> <li>In April 2022, NLWA varied their existing contract with LEL to facilitate the use of the Temporary Bulk Waste Facility (TBWF). NLWA are currently developing a new contract to manage the education and visitor centre at the RRF. NLWA are developing (in consultation with the boroughs), a new contract for the management of the state-of-the-art facilities at the Eco Park.</li> <li>The contractor has been instructed to install an additional 370 solar PV panels at the new RRF. There will now a total of 2235 solar panels at the RRF.</li> <li>The Temporary Bulky Waste Facility (TBWF) became operational in April 2022. This facility allows us to transfer organic and recyclable materials for processing and extract some for recovery and reuse. We expect the new RRF facility to come into use in Feb 2023, at which point the TBWF will no longer be required. The R1 rated Energy Recovery Facility (ERF) will be available in 2025.</li> <li>[LBWF officers joining NLWA for a Joint Waste Strategy listening exercise in Walthamstow Market to find out more from the public about some of the key issues and challenges we've worked on across North London.]</li> </ul>	<ul style="list-style-type: none"> <li>These additional panels will provide a 20% increase in total output for the whole system from 755kWp to 905kWp.</li> </ul>	<ul style="list-style-type: none"> <li>By end of 2023</li> </ul>	WDA
28	Waste Reduction	NLWA Waste Prevention Plan	<ul style="list-style-type: none"> <li>A new plan is being prepared for 2022-25 and due to be agreed in Autumn 2022.</li> </ul> <p>The aims of the plan are to:</p> <ol style="list-style-type: none"> <li>Increase residents' understanding of the journey of waste and the need to shift from a linear to a circular economy</li> <li>Provide information and advice on how to adopt more sustainable behaviours</li> <li>Increase residents' understanding and motivation of how and why it is important to recycle effectively</li> <li>Promote effective recycling</li> <li>Provide policy responses and engagement with national and regional strategy development on waste prevention</li> <li>Campaign for government action to increase support for the circular economy, including reforms which reduce packaging, encourage reuse and repair</li> </ol>	<ul style="list-style-type: none"> <li>Activities aim to achieve targets set out in Dashboard.</li> <li>Every 6 months, strategic leads will be invited to participate, to inform development of the draft 6-monthly work plans for the NLWA Waste Prevention Plan</li> </ul>	<ul style="list-style-type: none"> <li>Continuous work during plan period 2022-25</li> </ul>	WDA/WCA

Ref	Theme	Action title	Action Description	Expected Target / Impact	Timescale for action	WCA/WDA
	<ul style="list-style-type: none"> <li>Waste Reduction</li> <li>Maximising Recycling</li> <li>Reducing Environmental Impact</li> <li>Maximising local waste sites</li> </ul>		g. Campaign for systemic changes to reduce the manufacture and consumption of single-use and unrecyclable items.			
29	Waste Reduction Maximising Recycling Reducing Environmental Impact Maximising Local Waste Sites	NLWA Joint Waste Strategy	<ul style="list-style-type: none"> <li>NLWA are currently developing a new Joint Waste Strategy with the 7 boroughs for the management of waste from households in North London</li> <li>The strategy planning and design is anticipated to last around 18 months (although this may be extended depending on whether additional requirements, such as a Strategic Environment Assessment, are deemed necessary). All statutory stakeholders will be engaged in this process, an equalities impact assessment will be undertaken together with a full resident consultation. NLWA will carry out modelling, including a detailed composition analysis, into EPR and DRS. The strategy will set out how NLWA and the seven boroughs will work together to minimise the amount of residual waste arising and to increase reuse and recycling rates (amongst other objectives).</li> </ul>	<ul style="list-style-type: none"> <li>Targets to be agreed when the JWS is drafted, currently in the research stage</li> </ul>	<ul style="list-style-type: none"> <li>2024</li> </ul>	WDA
30	Maximising Recycling	Extracting Recycling	<ul style="list-style-type: none"> <li>LondonEnergy Ltd leases and operates a sorting facility (at Wembley) which sorts wood, mattresses, metal, cardboard and hardcore material. LondonEnergy report that around 30% of the selection of materials put through this facility are extracted for recycling and reuse.</li> <li>Authority officers are coordinating with LondonEnergy Ltd over the development of a sorting facility within the within the new Resource Recovery Facility at the EcoPark. NLWA engaged consultants in 2022 to support the development of a facility when the new facility has been successfully commissioned.</li> </ul>	<ul style="list-style-type: none"> <li>Aim of 10,000 tonnes to be processed at the station per annum</li> <li>This is intended to handle between 30,000 and 65,000 tonnes of residual waste.</li> </ul>	<ul style="list-style-type: none"> <li>On-going</li> </ul>	WDA
31	Maximising Recycling	Increasing the offer	<ul style="list-style-type: none"> <li>NLWA are working with Biffa (material recycling provider) to establish a compliant and sustainable UK partner to recycle all types of grades of plastic films. We are evaluating markets options and find a viable solution. The aim is to ensure that Boroughs are able to collect flexible plastics within the timescale set out in the government's Resources and Waste Strategy.</li> </ul>	<ul style="list-style-type: none"> <li>To find a suitable off-taker by 2024/25</li> </ul>	<ul style="list-style-type: none"> <li>TBC</li> </ul>	WDA
32	Maximising Recycling	Increasing the offer	<ul style="list-style-type: none"> <li>NLWA's new state of the art Resource Recovery Facility (RRF) at the Edmonton Eco Park is planned to open in the late summer 2023, with a proposed sorting solution for pre-treatment/separation for certain waste streams within the building. This mechanical and automated application will process between 30,000 and 65,000 tonnes of residual waste. NLWA are continuing to engage with consultants to deliver the best technical solution based on the preliminary findings of a recent waste composition analyses undertaken by the authority in addition to considering the future legislative requirements.</li> </ul>	<ul style="list-style-type: none"> <li>Expect to recover 30% of materials for reuse and recycling</li> </ul>	<ul style="list-style-type: none"> <li>Operational in 2024</li> </ul>	WDA
33	Reducing Environmental Impact	LEL Residual transport arrangements	<ul style="list-style-type: none"> <li>As part of the NLWA's and LEL's sustainable strategy, consideration is being given to prioritize a transition to alternative fuels, A collaborative executive committee has been set up with several specific sustainable tangible goals. In addition to operating several fully electric light good vehicles the committee has provided a business case that has been approved to procure a fully electric Heavy Goods Vehicle (HGV) waste bulker to support its operations. LEL currently operate 13 bulker vehicles with leases that expire in late 2024.</li> <li>The vehicle fleet of NLWA's current main waste transfer, treatment and disposal contractor, LEL, and those of LEL's subcontractors are now all ULEZ compliant.</li> <li>It is a requirement of the main waste contract with LEL to use Euro IV vehicles as a minimum. LEL have initiated a vehicle replacement programme to ensure vehicles comply with ULEZ. All vehicles are now Euro VI, leading to a significant reduction in NOx emissions.</li> </ul>	<ul style="list-style-type: none"> <li>Emission reduction</li> </ul>	<ul style="list-style-type: none"> <li>Replace bulker vehicles with alternative fuel vehicles in 2024</li> </ul>	WDA

Ref	Theme <ul style="list-style-type: none"> <li>Waste Reduction</li> <li>Maximising Recycling</li> <li>Reducing Environmental Impact</li> <li>Maximising local waste sites</li> </ul>	Action title	Action Description	Expected Target / Impact	Timescale for action	WCA/WDA
34	Waste Prevention	Waste Prevention Exchange	<ul style="list-style-type: none"> <li>This annual event will be delivered to bring together sector experts on a programme of topical waste prevention issues.</li> </ul>	<ul style="list-style-type: none"> <li>Raise awareness of resource reduction</li> </ul>	<ul style="list-style-type: none"> <li>Annual – by end of 2023/2024</li> </ul>	WDA
35	Waste Prevention	Journey of recycling	<ul style="list-style-type: none"> <li>Production of six videos showing what happens to North London's waste and recycling. Some videos will follow items of household recycling from the home, through the recycling process, until they are turned into something new. Videos were completed at the end of 2022 and promoted through a paid-for social media campaign.</li> </ul>	<ul style="list-style-type: none"> <li>Production of six videos that show what happens to North London's waste and recycling.</li> <li>WF will share and promote videos through own social media channels</li> </ul>	<ul style="list-style-type: none"> <li>Dec 2022</li> </ul>	WDA
36	Waste Prevention	Recycling campaign	<ul style="list-style-type: none"> <li>Behaviour change communications campaign tackling recycling on estates. Using personalised messaging from local collection crews. Campaign tactics will include leaflets delivered by crews, PR campaign launch sharing 'local hero' stories about recycling collection staff, and outdoor and social media advertising with artwork and video content featuring real crew members sharing stories and anecdotes, as well as recycling tips.</li> </ul>	<ul style="list-style-type: none"> <li>Campaign targets are to generate 12,000,000 impressions through outdoor and social media advertising; reach 800,000 people via social media advertising; gain 10 pieces of positive press coverage. For communal recycling rounds receiving personalised leaflets, targets include 10% tonnage increase and 5% reduction of contamination following campaign delivery.</li> </ul>	<ul style="list-style-type: none"> <li>Commencing Q2 2023/24</li> </ul>	WDA
37	Waste Prevention	Pan-London Food Waste Campaign	<ul style="list-style-type: none"> <li>Objectives of the campaign are to bring together various London stakeholders that can encourage and support residents to reduce their consumption-based emissions by moving to a more sustainable and healthy diet; and wasting less food. The campaign will also support the implementation of London Councils' One World Living action plan and its ambition to. The campaign is particularly targeting younger Londoners aged 21-44 and those with children under 11 years old at home, as they are amongst the highest food wasters. In-person workshops will be developed in Q2 and delivered throughout Q3 and 4 to support the campaign messaging in 2023/24.</li> </ul>	<ul style="list-style-type: none"> <li>Deliver in person workshop throughout Q3 and Q4 with ultimate aim of reducing consumption-based emissions by 2/3 by 2030 and support the Mayor of London's target to reduce food waste by 50% by 2030</li> </ul>	<ul style="list-style-type: none"> <li>Workshop delivered by 2023/24</li> </ul>	WDA
38	Waste Prevention	Waste Prevention Community Fund	<ul style="list-style-type: none"> <li>£250,000 committed to fund 17 community-based projects during 2023/24 focused on waste prevention activities at the community level. NLWA will work closely with these organisations to promote their projects and identify opportunities to scale up activity where possible beyond the original target communities.</li> <li>Three projects in Waltham Forest received funding: <ul style="list-style-type: none"> <li><b>Forest Recycling Project</b> running 'Tackling North London Paint Waste'</li> <li><b>The Mill</b> running Forest Fixers</li> <li><b>The Inconvenient Store CIC</b> running the 'E11 Circular Hub'</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>85% of targets will be met or exceeded by end of 2023/24 Q4.</li> </ul>	<ul style="list-style-type: none"> <li>By end of 2023/24</li> </ul>	WDA
39	Waste Prevention	Reusable period products	<ul style="list-style-type: none"> <li>Behaviour change project to increase the purchase and use of reusable period products will be delivered in 2023/24, focusing on waste prevention and the benefits of cost savings associated with switching to reusable period products. This initiative will include a digital communications campaign and information webpage on nlwa.gov.uk, discount voucher offers for residents, and in-person and digital outreach and engagement. Procurement of contractor currently in progress.</li> </ul>	<ul style="list-style-type: none"> <li>specific campaign targets to be agreed in Q2 2023/24, once contractor confirmed.</li> </ul>	<ul style="list-style-type: none"> <li>Commencing late in 2023 and continuing into 2023/24</li> </ul>	WDA

Ref	Theme <ul style="list-style-type: none"> <li>Waste Reduction</li> <li>Maximising Recycling</li> <li>Reducing Environmental Impact</li> <li>Maximising local waste sites</li> </ul>	Action title	Action Description	Expected Target / Impact	Timescale for action	WCA/WDA
42	Maximising Local Waste Sites	Promoting Reuse Shops and use of RRC's	<ul style="list-style-type: none"> <li>Campaign to promote the reuse shop at Kings Road Reuse and Recycling Centre. This will include a promotional event at the shop, social media advertising and a press release. Advertising campaigns to raise awareness of and increase attendance at reuse and recycling centres.</li> </ul>	<ul style="list-style-type: none"> <li>To increase the amount of material donated above existing levels and carry out promotional event, social media and a press release with the overall aim of increasing awareness of the shop and encouraging more residents to visit the shop broadening their understanding of the initiative.</li> </ul>	<ul style="list-style-type: none"> <li>By end of 2023/2024</li> </ul>	WDA