

ITEM 2

PAPER NO. WRWA 823

WESTERN RIVERSIDE WASTE AUTHORITY

MEETING	24 th January 2017																
REPORT AUTHOR/DATE	General Manager <i>(Enquiries to Mark Broxup - Tel. 020 8871 2788)</i>																
SUBJECT	Report outlining progress with operations and other matters since the previous meeting of the Authority																
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	Open - circulation of this paper is not restricted.
BACKGROUND PAPERS	None

EXECUTIVE SUMMARY

1. This paper brings Members up to date on operational and other matters which, in themselves, do not warrant production of a separate paper. The majority of these matters are for Members' information, but where approval is sought this is referred to in the report. The specific matters covered in this report are:-
 - a) Operations
 - b) Clinical Waste
 - c) Abandoned Vehicles
 - d) Feathers Wharf Pre-planning Application Public Consultation
 - e) Recycle Western Riverside
 - f) Key Performance Indicators
 - g) Constituent Council New Recycling Initiatives
 - h) Annual Members Strategy Forum And Visit
 - i) IT Costs
 - j) Items costing between £5,000 and £30,000

OPERATIONS

Transfer Stations/ Materials Recycling Facility (MRF)

2. There has been no major disruption in service to the main Transfer Stations' operations since the last meeting.

Update on Fires at Smugglers Way – July 2016

3. At the Authority's meeting in September 2016 (Paper No. WRWA 813), it was reported that two unrelated fires had taken place in the Materials Recycling Facility (MRF) during July 2016, within four days of each other.
4. The Materials Recycling Facility continues to operate at just over 60% throughput since the fires and the remainder of the material is being diverted to a third party outlet.
5. Cory has reviewed the fire risk assessment and a new Fire Prevention Plan (FPP) has been compiled to accord with the Environment Agency's (EA) recommendations. This has been submitted to the EA for their review. Following approval from the EA, the FPP will be rolled out in January 2017.
6. Cory's consultant, Fichtner, has completed the specification report for the reinstatement works and Cory has selected an engineering consultant to oversee

the reinstatement works and act as Principal Designer and Principal Contractor under the Construction (Design and Management) Regulations 2015 (CDM). These are the main set of regulations for managing the health, safety and welfare of construction projects. The actual reinstatement works are planned to commence at the end of January 2017 and it is hoped that there will not be a need to close the MRF during the works.

7. Thermal imaging cameras, installed in the MRF in November 2016 to provide additional support to the existing fire detection system, went live on 16th December 2016, following a successful commissioning phase.

Belvedere

8. On 29th November 2016, between 20:30 and 21:00, a Carbon Monoxide exceedance took place at the Riverside Resource Recovery Limited's Energy from Waste facility located in Belvedere; these levels returned to normal within 30 minutes of the incident. It is standard procedure for Cory to carry out a full investigation in an attempt to find out the cause of the exceedance and the appropriate authorities were notified. Cory carefully audit all of the waste streams entering the facility in order to minimise the inclusion of volatile wastes, such as gas canisters, which may lead to such incidents.

CLINICAL WASTE

9. At the technical officers' meeting in July 2016 it was reported that, due to an excessive amount of clinical waste making its way in to the MRF, a high number of needle-stick injuries to MRF employees had resulted.
10. In an effort to introduce more control to stop this problem, officers discussed the possibility of exploring the operation of a joint clinical waste collection service across the four boroughs which could include a proactive communications campaign and an information helpline. Technical officers have been consulted further and have agreed that Authority officers should carry out a feasibility study to progress this idea. The results of the study will be reported to the Authority meeting in June 2016.

ABANDONED VEHICLES

11. The constituent councils have a number of different powers with respect to the removal of motor vehicles from the highway; three of the constituent councils now deal with abandoned vehicles through their Parking Enforcement contracts and the fourth, Wandsworth, is considering doing the same.

12. If a constituent council removes an abandoned vehicle using its powers under the Refuse Disposal Amenity Act (RDA) 1978 then the statutory duty for the storage and disposal of those vehicles lies with the Authority.
13. However, given that the constituent councils remove a relatively small number of vehicles using their RDA 1978 powers, it is proposed that a legal agreement be drawn up whereby the constituent councils also carry out the Authority's duties as this will greatly simplify the process.
14. Progress on the development of the legal agreement will be reported to the next Authority meeting.

FEATHERS WHARF PRE-PLANNING APPLICATION PUBLIC CONSULTATION EXHIBITION

15. A two-day public exhibition was held at the Authority's offices at Smugglers Way Waste Transfer Station on 2nd and 3rd December 2016. This was as a result of an Authority decision to submit a new planning application to extend the period of use for the already approved bulk bays on Feathers Wharf. The exhibition was advertised through the distribution of 2,668 leaflets to local households and businesses and was also promoted on the Authority's website.
16. There were 35 attendees over the two-day exhibition and the application is programmed to be submitted in January 2017.

RECYCLE WESTERN RIVERSIDE 5 (RWR)

Golden Ticket (GT)

17. The second round Golden Ticket Reward campaign commenced on 1st September 2016 in Wandsworth (to coincide with the distribution of the Borough magazine) and the other three Boroughs launched on 5th September. This campaign has operated as a communications initiative and as a reward system for existing recyclers.
18. The first GT draw of the second round took place on Friday, 16th December 2016. Tickets were drawn by Kevin Holland, Head of Fraud for the South West London Fraud Partnership. The majority of winners were contacted on Monday, 19th December 2016, and follow up confirmation emails or letters were sent requesting proof of residence and verification that the winners met the criteria laid out in the terms and conditions.

19. The total number of tickets entered into the draw was 51. The majority of tickets were found during the sampling process, but in the case of Hammersmith & Fulham and Lambeth it was necessary to carry out additional samples or load searches, as very few tickets were found. The tickets found are broken down by borough, as follows:

- Hammersmith & Fulham 2
- Kensington and Chelsea 21
- Lambeth 6
- Wandsworth 22

20. The total number of community groups registered is 45 and is broken down by borough, as follows:

- Hammersmith & Fulham 0
- Kensington and Chelsea 4
- Lambeth 0
- Wandsworth 41

21. Either presentations with Borough representatives or photo sessions, (a photographer will take photos of individual winners or community groups being presented with their cheques) will take place to publicise the campaign by way of press releases or website promotion.

22. No Golden Tickets found during the quality sampling process were found with contaminated material.

23. The following activities, listed by Borough, took place from September 2016 to December 2016:

Hammersmith & Fulham

- Insertion of leaflets with the clear recycling sacks, with the quarterly distribution carried out from September to December 2016.
- A5 leaflet in booklet distributed to all residents in December 2016
- Continuing supplies of Golden Ticket booklets with tickets distributed to Libraries.
- The Golden Ticket recycling collection vehicle panels will be in place until the end of this campaign on 24th March 2017.

Kensington and Chelsea

- Insertion of leaflets with the clear recycling sacks, with the quarterly distribution carried from September to December 2016.
- The Golden Ticket recycling collection vehicle panels will be in place until the end of this campaign on 24th March 2017.
- Posters erected in Council receptions.
- Adverts on digital screens at Council receptions and leisure centres.
- Full page advert and Golden Ticket cut outs in December's edition of 'The Royal Borough'.

Lambeth

- Full page advert and Golden Tickets cut outs in December's edition of 'Lambeth Talk'.
- Full page advert and Golden Ticket cut outs in the 26th October and 9th November editions of the 'Lambeth Weekender'.
- Four pages with Golden Ticket cut outs in the 28th December edition of the "Lambeth Weekender"
- The Golden Ticket recycling collection vehicle panels will be in place until the end of this campaign on 24th March 2017.
- Supplies of Golden Ticket booklets with tickets distributed to Libraries.

Wandsworth

- A full page advert placed and tickets inserted into December's edition of 'Brightside' magazine.
- An advert in 'Homelife' magazine, a magazine delivered to over 33,500 council managed properties.
- Posters erected on information boards around the Borough in September and November 2016.
- Supplies of Golden Ticket booklets with tickets distributed to 11 Libraries, 12 Leisure and Sports centres and Council Receptions.
- The Golden Ticket recycling collection vehicle panels will be in place until the end of this campaign on 24th March 2017.
- Golden Ticket Banner on the Home page of the Council Website.

24. Unfortunately the planned leaflet distribution in Hammersmith & Fulham via the clear recycling sack deliveries did not take place, due to an operational error with the delivery contractor. This problem has been rectified and the deliveries have now commenced and will hopefully assist with the promotion of the March 2017 draw. Officers continue to encourage the relevant officers within Lambeth and

Hammersmith & Fulham to see what other communication activity can be carried out by the boroughs themselves to promote the competition.

25. The two key areas of measurement for the performance of the Golden Ticket project are the effect on recycling tonnages collected and the level of contamination found within the recycling tonnages collected. Table 1 below details the comingled recycling tonnage as a percentage of the total waste and recycling tonnage collected from September to December 2015 and September to December 2016 as a comparison.

Total Percentage of Comingled Collected

Table 1

	Total Sept 2015 to Dec 2015	Total Sept 2016 to Dec 2016	Difference
LBHF	15.88%	16.22%	+0.34%
RBKC	21.92%	21.79%	-0.13%
LBL	16.66%	16.40%	-0.26%
LBW	20.03%	20.75%	+0.72%

26. Table 1 shows that the comingled recycling tonnages have been sustained when compared to the same period in 2015, when the first Golden Ticket Campaign was launched, showing that there is some slight increase in Wandsworth and Hammersmith & Fulham during 2016.

27. The second key indicator to measure the effectiveness of the Golden Ticket initiative relates to the levels of contamination in the comingled recycling material collected. Table 2 details the overall contamination percentages for each borough for September 2015 to December 2015 and September 2016 to December 2016 as a comparison. Overall there has been a slight reduction in contamination in 2016 when compared to the same four-month period in 2015. Kensington and Chelsea see the largest reduction in contamination at 1.85 per cent.

Overall Contamination %

Table 2

	Total Sept 2015 to Dec 2015	Total Sept 2016 to Dec 2016	Difference
LBHF	15.27%	15.10%	-0.17%
RBKC	13.98%	12.13%	- 1.85%
LBL	13.87%	13.25%	-0.62%
LBW	13.81%	13.52%	-0.29%

28. The second Golden Ticket Recycling draw is planned to take place on Friday, 24th March 2017. Planned communications activity, by borough, from January 2017 through to 16th March 2017 is as follows:

Hammersmith & Fulham

- Insertion of leaflets with the clear recycling sacks, with the quarterly distribution carried out from January to February 2017.
- Full page advert plus Golden Tickets to cut out in the “the Chronicles”
- Continuing supplies of Golden Ticket booklets with tickets distributed to Libraries.
- The Golden Ticket recycling collection vehicle panels will be in place until the end of this campaign on 24th March 2017.

Kensington and Chelsea

- Insertion of leaflets with the clear recycling sacks, with the quarterly distribution carried from January to February 2017.
- The Golden Ticket recycling collection vehicle panels will be in place until the end of this campaign on 24th March 2017.
- Adverts on digital screens at Council receptions and leisure centres.
- Article in “The Dalgarno Times” in January 2017.

Lambeth

- Full page advert in January’s edition of Lambeth’s new newsletter.
- The Golden Ticket recycling collection vehicle panels will be in place until the end of this campaign on 24th March 2017.
- Supplies of Golden Ticket booklets with tickets distributed to Libraries.
- A5 leaflet with Golden Ticket cut outs distributed with the New Service communication to all residents in January 2017.

Wandsworth

- Supplies of Golden Ticket booklets with tickets distributed to 11 Libraries, 12 Leisure and Sports centres and Council Receptions.
- The Golden Ticket recycling collection vehicle panels will be in place until the end of this campaign on 24th March 2017.

29. A RWR Facebook page has been established at:

<https://www.facebook.com/Western-Riverside-Waste-Authority-1695703610719729/>.

THE ESTATES INTERVENTION TRIAL

30. The Estates intervention trial finished on 16th December 2016. One of the key measures of the trial is to assess any sustained improvement in the amount of recycling material collected and the quality of the material collected. The final measure will be made in March 2017, three months following the trial. The finding will therefore be reported to the Authority meeting in June 2017.

RECYCLE WESTERN RIVERSIDE (RWR) 5 BUDGET - FINANCIAL YEAR 2017/18

31. At the Authority meeting in January 2016, Members were asked to consider the importance of, and need to continue with, the RWR campaign in 2016/17 and to review options that were laid out in Paper No. WRWA 798. Members agreed to continue with the RWR campaign, with the priorities of the campaign being agreed in consultation with the Borough Technical Officers.

32. The Technical officers were consulted again, at an RWR communications meeting held on 15th December 2016, about the work plan for the campaign in 2017/18 and their priorities are outlined as follows:

- a) to stop the Golden Ticket initiative as a communications campaign;
- b) to continue with a recycling communications campaign – they felt this essential in order, at the very least, to sustain the current levels of recycling and help to combat contamination levels.
- c) to have the communications campaign tie in with the WRAP and Resource London campaigns and use their new branding that can be tailored to each borough's requirements.

d) Estates-based work – the full results of the Estates Intervention project will not be available until March 2017, when any sustained improvement in contamination levels and the amount of recycling tonnage collected has been fully assessed. It is therefore proposed to hold any decision about an “Estates” project in abeyance until the next Authority meeting.

33. Technical Officers felt that feeding in to a London-wide communications campaign has the benefit of a consistent message that may assist with getting the message across to residents which move around the London Boroughs. The “Unusual Suspects” branding was used during the Recycle Week campaign, which was funded by Resource London. Examples of the WRAP/Resource London brand are attached as Appendix A to this report. Resource London is also running a Food Waste reduction campaign that can form part of a RWR campaign for 2017/18.

34. Lambeth commenced with the introduction of their new Waste Management Strategy in January 2017. They will no longer distribute clear recycling sacks across the entire borough and are replacing them with wheelie bins for residents to use to separate their waste for recycling. This will see the end of a uniform collection system across the four boroughs and, as such, the current communications brand will need to be modified to reflect this and will mean that the recycling clear sack “superhero” logo will need to be replaced.

35. The proposed budget, which the Authority is asked to approve, for the 2017/18 RWR programme is therefore as follows:

- £120,000 – (WRAP/Resource London brand recycling and food waste communication campaign with a detailed communications plan is attached at Appendix B to this report)
- £30,000 – to be set aside for “Estates” based work

Total £150,000

EDUCATION PROGRAMME

36. The two new education officers started in November 2016 and the team have developed a new programme of workshops and assemblies to be delivered in schools. These include story and craft activities around reuse and recycling, papermaking and a new circular economy themed action workshop which is being trialled in a school in January. The team are also offering waste audits and action planning sessions to schools as a follow up to a visit to the centre or in-

school workshops. Three schools have expressed keen interest in doing this during the spring term.

37. In February the team are delivering a food waste audit and 15 food waste themed workshops to one school as part of a wider Food Week event.
38. Since November there have been 27 outreach assemblies and workshops in schools and 20 visits from schools to the centre (so 47 school contacts, compared with 27 for the same period last year, a 75% increase). There are 25 outreach visits and 16 visits to the centre planned for the first half of this term so far.
39. Feedback from the tours and outreach work remains very positive, "KS1 loved their day! The teachers were very impressed and said it was pitched perfectly for the children. The children were very excited about their superheroes and could not stop talking about the 3 Rs." (Reduce, Reuse, and Recycle).
40. At the last Authority meeting, Members requested information about which schools have visited the Education Centre, or the Education Officers had visited, since the programme was introduced in 2014. The list of schools, by borough, is attached as Appendix C to this report.
41. In November 2016 the education team emailed a new leaflet, attached as Appendix D to this report, to all schools in the four boroughs which they have not previously been in contact with. They will be repeating this at the beginning of each term, as well as sending it out to those schools that have been involved previously.

KEY PERFORMANCE INDICATORS 2016/17

42. Attached as Appendix E to this report are graphs detailing the Key Performance Indicators (KPIs) for the Authority's activities which are updated for each Authority meeting.

CONSTITUENT COUNCIL NEW RECYCLING INITIATIVES

43. At the meeting of the Authority on 22nd September 2010 (Paper No. WRWA 669A) Members instructed the Clerk to write to each of the constituent councils to inform them that, in future, should they wish to make arrangements themselves to recycle any significant tonnage of waste then, in accordance with Section 48 of the Environment Protection Act 1990, they must, as soon as reasonably practicable, notify the Authority in writing. The Authority will then approve or

object to any such proposal at its next available meeting. The Clerk wrote to the constituent councils, as instructed, on 27th October 2010.

44. The constituent councils have not notified the Authority of any new initiatives since the previous meeting.

ANNUAL MEMBERS STRATEGY FORUM AND VISIT

45. At the Authority meeting on 28th September 2016, it was agreed that the Annual Members Strategy Forum and Visit should be left as a rolling item until Members and Officers agree a hot topic for discussion.
46. Officers plan to bring an in-depth report on recycling to the next Authority meeting in June 2017 and suggest that this could form the basis for a Members Forum at Smugglers Way in the Autumn.

IT COSTS

47. As reported to the June meeting of the Authority (Paper No. WRWA 802) the original Waste Management System (WMS) which was developed in 2003/04 had become outdated and it has now been redeveloped, retaining and improving upon all the previous functionality (except for that relating to Abandoned Vehicles).
48. The cost of the redevelopment (as reported in paragraph 50) is, in fact, considerably less (by approximately one-third) than the Authority would have paid for the ongoing annual hosting and support of the original WMS and will result in long term cost savings going forward (annual charges should now be approximately one-sixth to one-third of the previous costs).

COMMENTS OF THE TREASURER

49. The proposed budget for RWR 5 outlined in this paper has been incorporated within the budget report elsewhere on this agenda (WRWA 824). The reduced IT costs when confirmed will also be reflected in future Levy requirements. All other proposals outlined in this report will be met from within existing approved budgets.

ITEMS COSTING BETWEEN £5,000 AND £30,000

50. The following item of expenditure has been authorised by officers under delegated powers within the band range of £5,000 to £30,000 since the last Authority meeting:-

Holben Software	Computer Systems Support – Waste Management System redevelopment	£12,000
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RECOMMENDATIONS

51. Members are asked to:

- a) approve the proposals for RWR in financial year 2017/18 detailed in paragraphs 31 to 35 of this report; and
- b) otherwise receive this report as information.

Mark Broxup
General Manager

Town Hall
Wandsworth High Street
LONDON SW18 2PU

16th January 2017

You can **RECYCLE**
all of these **ITEMS**
from around
your home



www.councilwebsite.com/recyclingpage



WHITEOUT COUNCIL
LOGO TO GO HERE

WANTED
FOR RECYCLING

THE UNUSUAL SUSPECTS



RECYCLE WESTERN RIVERSIDE (RWR) COMMUNICATIONS PLAN 2017/18

A new RWR campaign using Resource London's and WRAP's branding such as the Unusual Suspects, Love Food Hate Waste and Love your Clothes. Synchronise the advertising during key events such as Recycle Week and tie in with Resource London's planned events.

Target: 449,920 households

Aims:

- to promote waste prevention, reuse and recycling
- increase the amount of good quality recycling material collected
- reduce food waste

Activity

<u>Borough Recycling Vehicle Panels</u> In place for 3 months and 12 months – depending on each borough's requirements	£35,000
<u>Bus Shelters/Telephone Box</u> advertising across the Authority area	£20,000
<u>Website Banner</u> advertising	£ 1,000
<u>Adverts and leaflet inserts</u> in Borough Publications delivered to all households; Brightside, (Wandsworth), The Royal Borough Kensington and Chelsea), Lambeth Life and Our Patch magazine, (Hammersmith and Fulham) not an in house publication but a property magazine that has a circulation of 22,000 households.	£25,000
<u>Local newspapers</u> – in Hammersmith and Fulham only due to the low circulation of Our Patch magazine.	£5,000
<u>Leaflets</u> inserted in with the Clear Sack Deliveries (Not Lambeth)	£20,000
<u>Council Tax inserts</u> – Leaflet sent out with the Council Tax bills.	£20,000
<u>New resident leaflets</u> – inserts with Council Tax Information when residents register for Council Tax.	£10,000
<u>No Junk Mail Stickers</u> – stickers for resident to erect near to their letterboxes.	£8,000
<u>Social Media</u> promotion of the campaign via Twitter, Websites and Facebook	
<u>Contingency</u>	£6,000
Total	£150,000

Schools taking part in the Western Riverside Education Programme since September 2013

Borough	School	(S) = Secondary School
H&F (22)	All Saints Fulham Avonmore Bayonne Brackenbury Fulham Bilingual Good Shepherd Greenside Holy Cross James Lee Nursery Lena Gardens Normand Croft	Paray House Parson's Green Prep Queens Manor Queensmill St Mary's St Pauls C of E St Thomas' School Fulham The Moat Thomas Fulham Thomas Academy Fulham Wendell Park
Lambeth (27)	Allen Edwards Ashmole Bonneville Corpus Christi Eveline Day Effra Nursery Granton Primary Henry Fawcett Hitherfield Iqbal Jessop Kings Avenue Larkhall Centre for Autism Macauley	Orchard St Andrews & St Immanuel St Andrews (Stockwell) St Leonards primary St Marks CofE St Saviours C of E Stockwell Streatham & Clapham High Streatham Wells Telferscot Vauxhall Walnut Tree Walk Wyvil
RBKC (22)	ARK Brunel Ashburnham Avondale Park Bassett House Bevington Christchurch Eaton House Faulkner House Fox Primary Garden House Hill House	Knightsbridge (S) La petite ecole francaise Lloyd Williamson Nursery Lycee Francais Norland Place Our Lady of Victories Royal College of Art Southbank International (S) St Mary Abbots Primary St Thomas Lion House
Wandsworth (51)	Albemarle All Saints Allfarthing Al-Risalah (S) Ashcroft Academy (S) Broadwater Chesterton Christchurch Dolphin Eaton House	Ravenstone Riversdale Roehampton Church Ronald Ross Sacred Heart Primary Sellincourt Shaftesbury park Sinclair House Smallwood I South Thames College

Earlsfield	Southfields Academy
Eveline Day	Southmead
Finton House Primary	St Anselms I
Francis Barber PRU	St Boniface
Franciscan	St Faith C of E
Furzedown	St Joseph's RC
Garrett Park	St Mary's
Gatton	St Michael's
Heathmere	Swaffield
John Burns	Thames Christian College (S)
L'Ecole de Battersea	The Roche School
Linden Lodge school for the visually disabled	Thomas's Clapham
Lion House	Tooting
Merlin	Westhill
Our Lady of Victories	Wix
Penwortham	

Western Riverside Waste Authority

Waste Education Programme for Schools



Our schools programme is here to encourage pupils and staff to **Reduce, Reuse and Recycle** as much as possible. We can deliver a range of activities – workshops linked to the curriculum as well as assemblies and waste audits. Visits are **FREE** but must be booked in advance. Please email education@wrwa.gov.uk or telephone **020 88758885/9**.

Why not invite us in to be part of your Environment or Science



Assemblies:

This is a great way to introduce the ideas of Reduce, Reuse and Recycle to the whole school. The pupils get involved with actions and songs. *(20 minutes)*



EYFS/KS1 workshops:

Another Fine Mess - starts with a story about a fox and his rubbish. Children will learn why looking after their waste matters. They will also make their own reused musical instrument to shake along to our recycling song. *(1 hour)*



Michael Recycle – starts with a story about a green superhero. Children will learn how we all play a part in reducing our waste. They will also make their own superhero using a template and recycled fabric and materials. *(1 hour)*



KS1/KS2 workshops:

Paper recycling - find out why it is important to recycle paper and have a go at doing it yourself! We will bring everything to make a 'paper factory' apart from the old paper. Each child will have their own piece of recycled paper to take away at the end *(1 hour)*.



Recycle Races - what happens to the things we put in the bin? Children will explore the journey of the things we throw away and find out about the impacts our waste has on the environment. Finishing off with a recycle race to see which team are the waste sorting champions. *(1 hour)*

What people say about our workshops:

"The teachers were very impressed and said it was pitched perfectly for the children. The children were very excited about their superheroes and could not stop talking about the 3 r's".



Waste audits:

Find out how well your school is recycling and develop your own action plan to improve! We can run waste audits with a class or eco group to really see what's being thrown away and how much waste and money you could save as a school. We provide the equipment, the initial analysis of results, and advice to help you embed improvements.

(This activity takes a morning, plus an hour follow up session for action planning)



Food waste audits:

Food waste is a big problem in schools. Our food waste audit toolkit will help you get to the bottom of the issue and find ways to stop wasting food and money.

We can provide equipment and help to find out why food is being wasted and work with you to find ways to reduce it.

(This activity needs to be run over a few days in school – we can visit to help you get started)



Visits to us:

Come and see what happens to your waste and recycling at our Smugglers Way recycling facility in Wandsworth. We run daily class trips for up to 30 children at a time.



Watch our amazing machines sorting out your recycling, as well as our huge cranes lifting containers of rubbish onto barges on the Thames. Meet our worms and find out about how you can reduce, reuse and recycle as much as possible. Children can even make their own recycled paper or instruments.

“

“The children said it was the smelliest trip but the best - high praise indeed.”

“Really awoke an interest in saving the world”

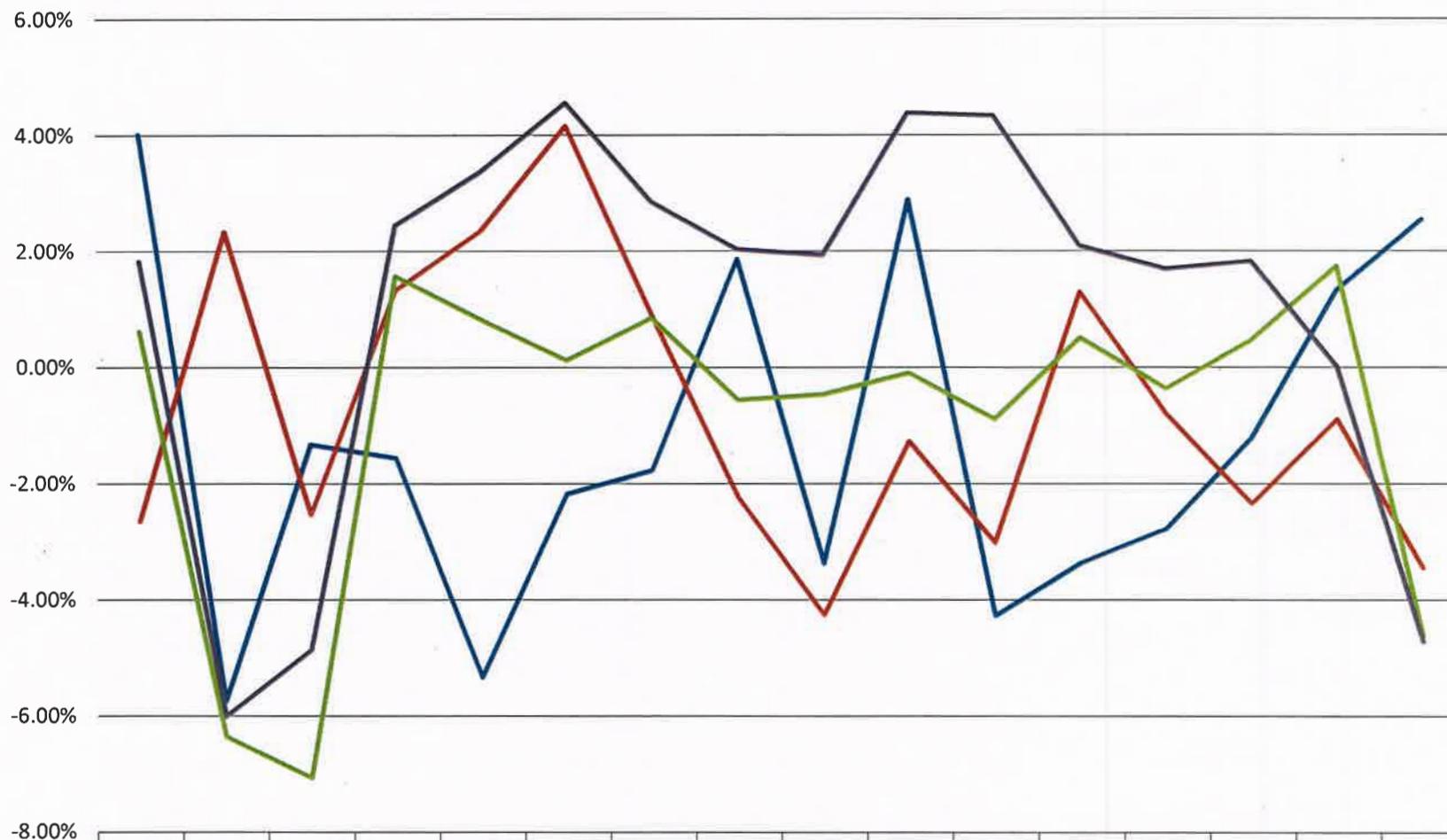
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All our visits to schools and to our site are **FREE OF CHARGE** to schools in the boroughs of Lambeth, Wandsworth, Kensington & Chelsea and Hammersmith & Fulham.

To find out more or to book visits to or from us, please email education@wrwa.gov.uk or call **020 88758885/9** or visit wrwa.gov.uk/schools.

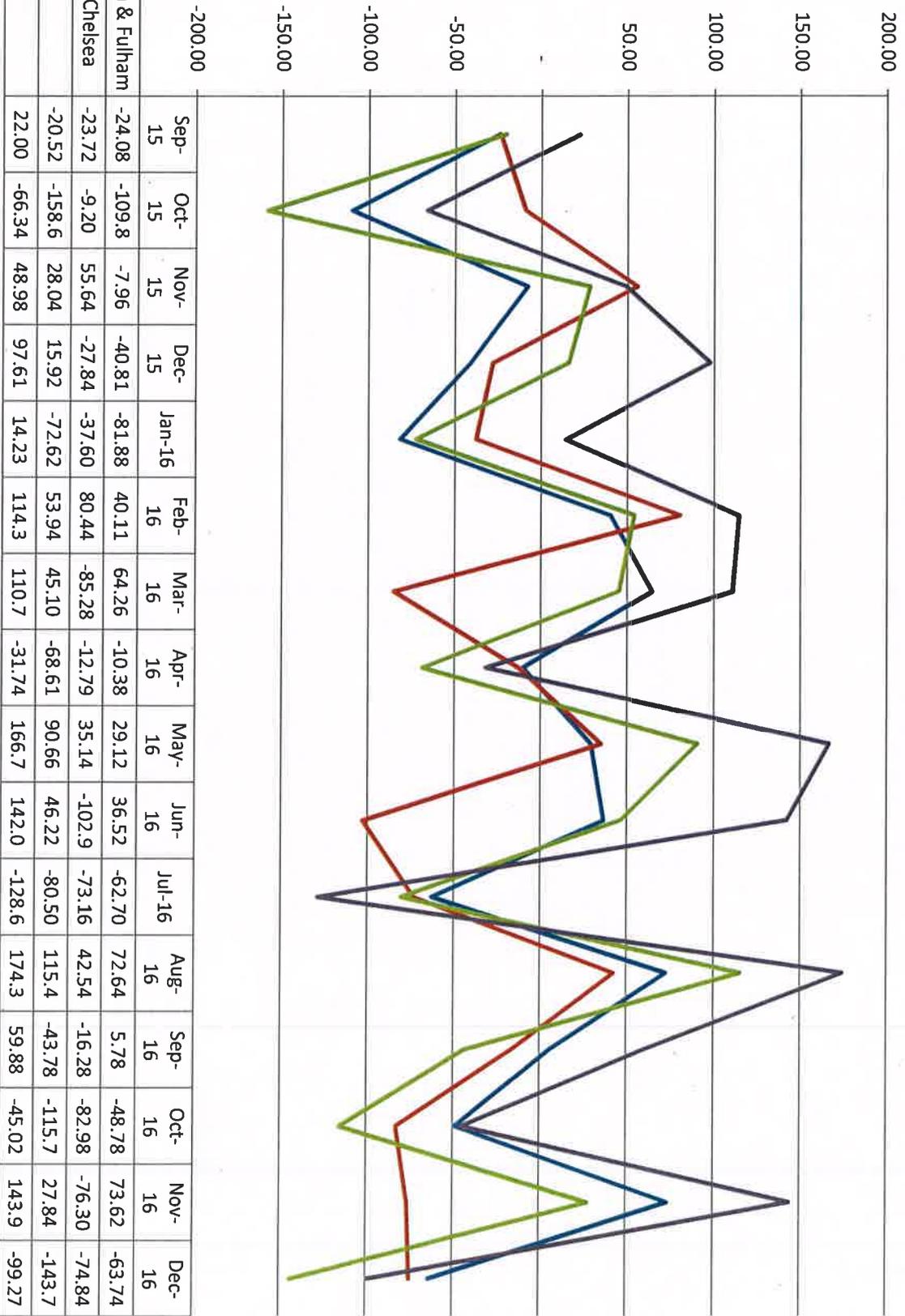
Contamination - Year on Year Comparison

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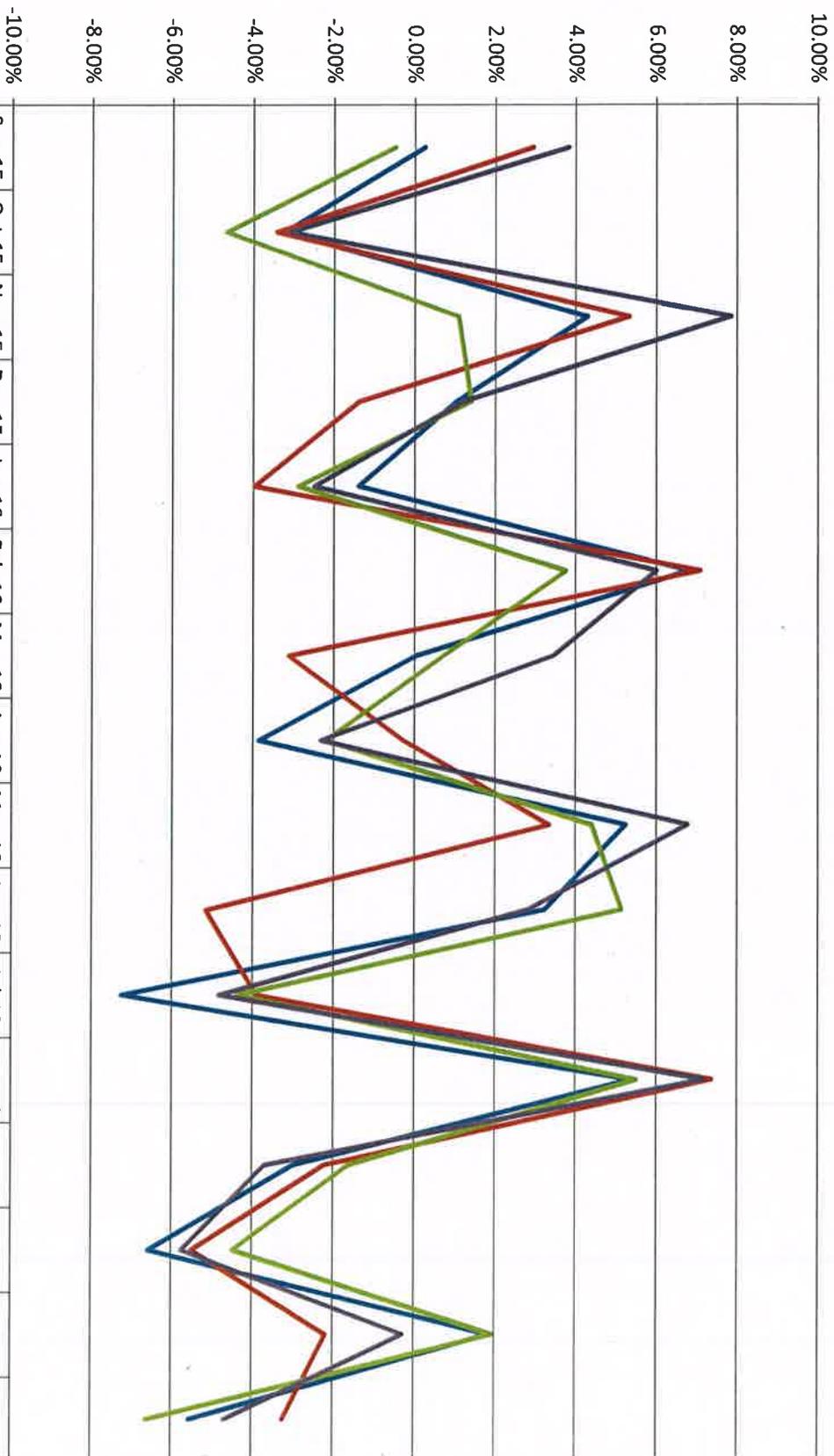


	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
Hammersmith & Fulham	4.01%	-5.75%	-1.33%	-1.56%	-5.34%	-2.18%	-1.77%	1.86%	-3.38%	2.89%	-4.28%	-3.37%	-2.78%	-1.21%	1.32%	2.54%
Kensington & Chelsea	-2.65%	2.34%	-2.54%	1.32%	2.35%	4.16%	0.90%	-2.23%	-4.26%	-1.27%	-3.02%	1.29%	-0.79%	-2.34%	-0.89%	-3.45%
Lambeth	0.61%	-6.36%	-7.07%	1.56%	0.81%	0.11%	0.84%	-0.56%	-0.47%	-0.10%	-0.89%	0.50%	-0.37%	0.46%	1.73%	-4.63%
Wandsworth	1.82%	-6.01%	-4.87%	2.44%	3.36%	4.55%	2.85%	2.03%	1.93%	4.38%	4.33%	2.09%	1.69%	1.82%	0.01%	-4.72%

Co-mingled Recyclables - Year on Year Comparison
Tonnes

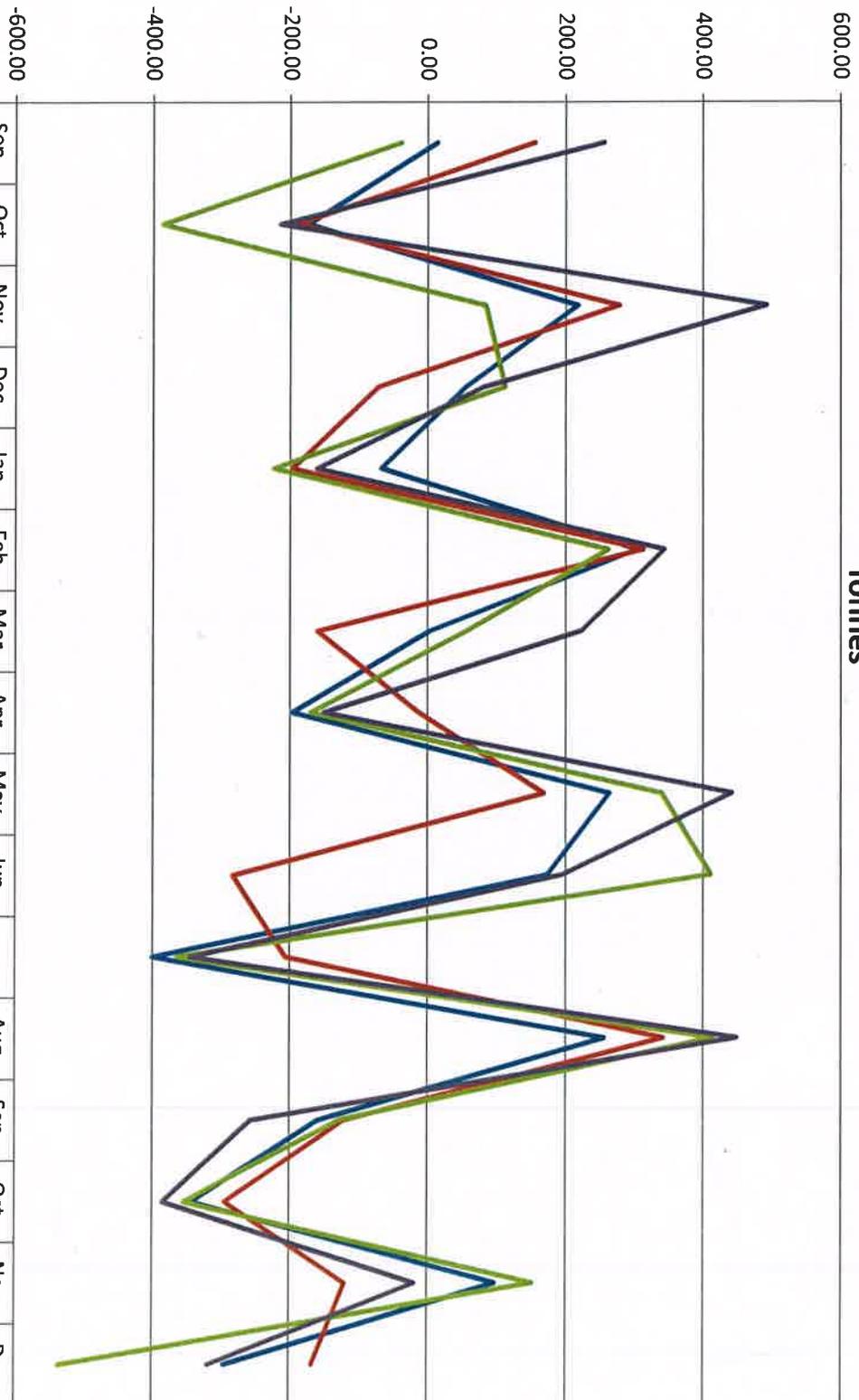


Borough General Waste - Year on Year Comparison
%



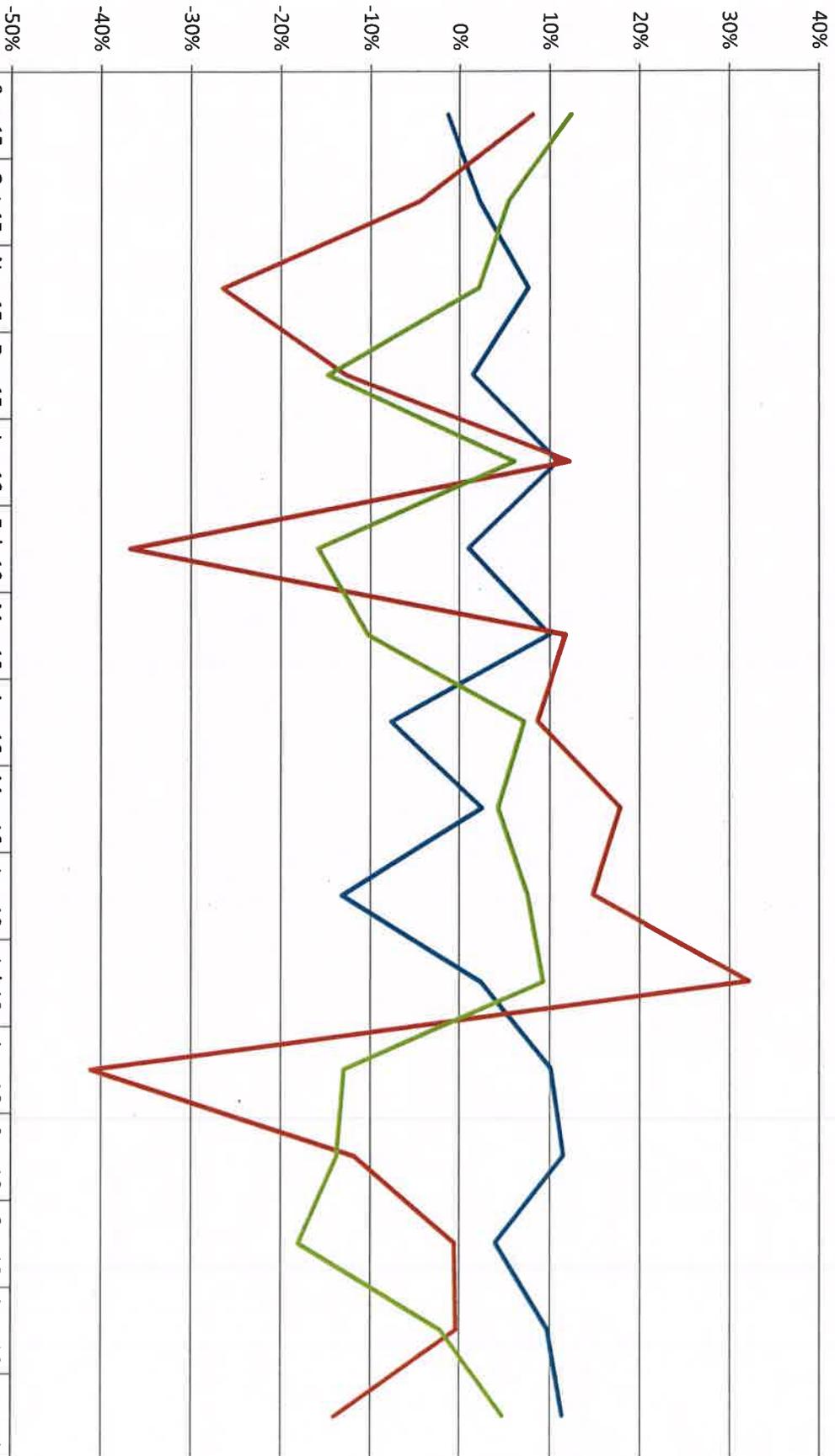
	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
Hammersmith & Fulham	0.25%	-3.24%	4.29%	1.04%	-1.40%	6.81%	0.05%	-3.86%	5.24%	3.24%	-7.25%	5.37%	-2.99%	-6.58%	1.84%	-5.56%
Kensington & Chelsea	2.94%	-3.43%	5.33%	-1.37%	-3.98%	7.09%	-3.11%	-0.28%	3.35%	-5.17%	-3.91%	7.37%	-2.23%	-5.51%	-2.18%	-3.24%
Lambeth	-0.48%	-4.68%	1.09%	1.40%	-2.89%	3.77%	0.72%	-2.21%	4.40%	5.14%	-4.39%	5.51%	-1.62%	-4.50%	1.94%	-6.62%
Wandsworth	3.83%	-3.10%	7.85%	1.21%	-2.49%	6.00%	3.46%	-2.32%	6.78%	2.81%	-4.84%	7.17%	-3.70%	-5.76%	-0.28%	-4.69%

Borough General Waste - Year on Year Comparison
Tonnes



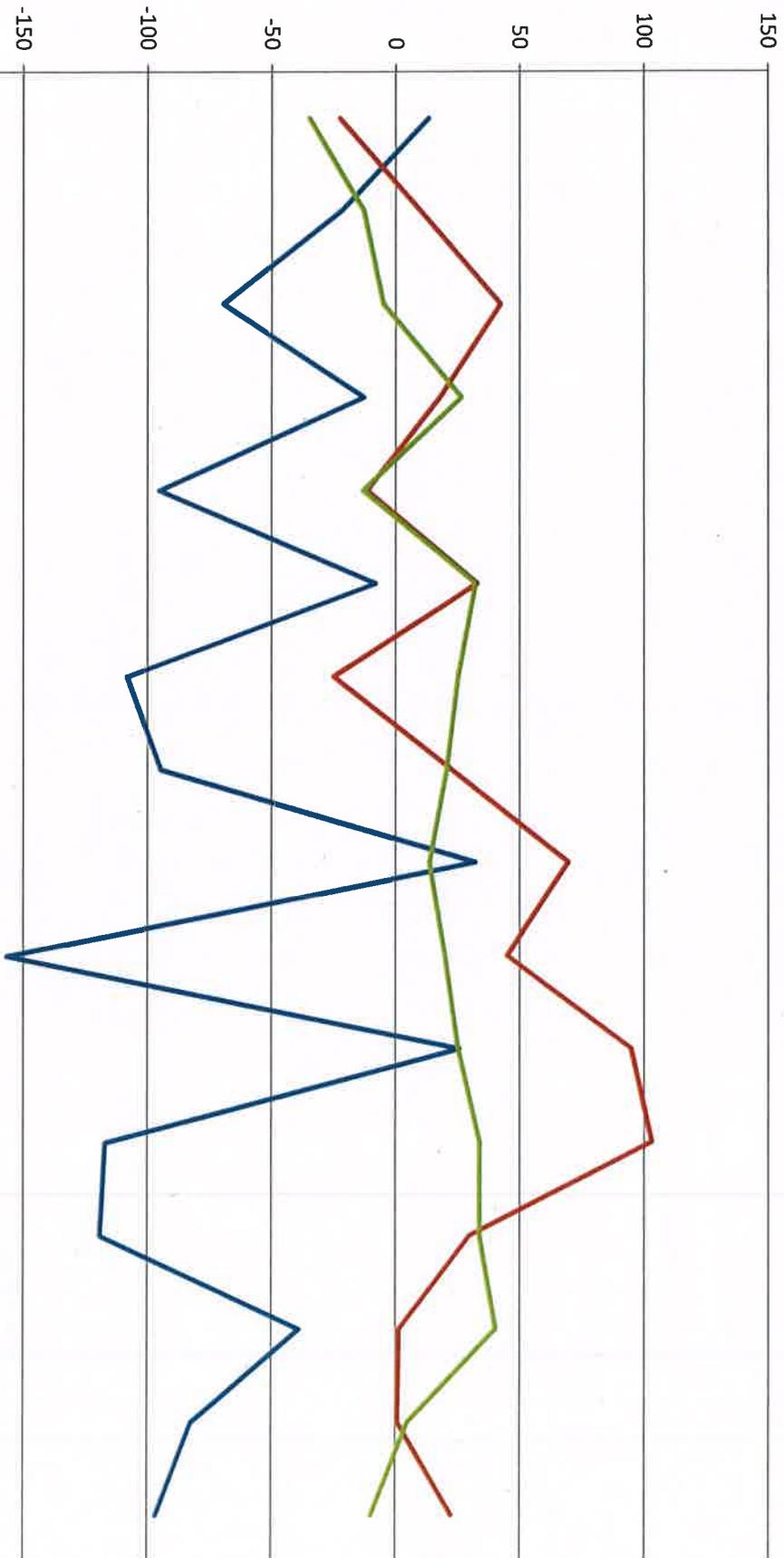
	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
Hammersmith & Fulham	13.30	-174.5	217	55	-68	304	3	-197	263	173	-401	256	-159	-343	97	-295
Kensington & Chelsea	155.16	-189.3	278	-72	-197	313	-160	-13	169	-283	-206	342	-121	-294	-120	-167
Lambeth	-38.64	-386.5	84	112	-224	261	56	-171	340	411	-365	414	-129	-354	151	-536
Wandsworth	255.66	-214.3	492	81	-161	344	222	-151	442	194	-345	449	-256	-385	-19	-319

Household Waste and Recycling Centre - Year on Year Comparison %



	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16
General Waste	-1%	2%	8%	1%	11%	1%	10%	-8%	2%	-13%	2%	10%	11%	4%	10%	11%
Green Waste	8%	-4%	-26%	-13%	12%	-37%	12%	9%	18%	15%	32%	-41%	-12%	-1%	0%	-14%
Mixed Wood	12%	5%	2%	-15%	6%	-16%	-10%	7%	4%	8%	9%	-13%	-14%	-18%	-2%	5%

Household Waste and Recycling Centre - Year on Year Comparison Tonnes



Month	General Waste	Green Waste	Mixed Wood
Sep-15	13	-22	-35
Oct-15	-22	10	-13
Nov-15	-70	42	-5
Dec-15	-13	18	27
Jan-16	-95	-12	-13
Feb-16	-8	33	32
Mar-16	-108	-25	25
Apr-16	-95	23	21
May-16	32	70	14
Jun-16	-157	45	20
Jul-16	26	95	25
Aug-16	-117	103	34
Sep-16	-119	30	34
Oct-16	-39	1	40
Nov-16	-82	1	5
Dec-16	-97	22	-10