

ITEM 3

PAPER NO. WRWA 827

WESTERN RIVERSIDE WASTE AUTHORITY

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|---------------------------|---|
| MEETING | 28 th June 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 |
| CONTENTS | Page 1 Executive Summary Pages 1- 17 Items reported on Page 17 Recommendations Pages 18 - 27 Appendix A – Key Performance Indicators Pages 28 -29 Appendix B – S.O. 38 – RBKC Food Waste Pilot |
| | Open - circulation of this paper is not restricted. |
| BACKGROUND PAPERS | None |

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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) Household Waste and Recycling Centre – expectation that residents will separate their waste for recycling
 - f) Recycle Western Riverside
 - g) WREF
 - h) Key Performance Indicators
 - i) Constituent Council New Recycling Initiatives
 - j) Annual Members Strategy Forum And Visit
 - k) Legal Advice
 - l) 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.
3. The MRF became fully operational again during week commencing 9th May 2017, after all the repairs were completed following the two serious fires that happened in quick succession in July 2016.
4. Additional fire prevention measures have been deployed in the MRF, including the installation of fire curtains around the "Mach screens" which separate fibres and containers (where the first of the two fires started) and the installation of a deluged water system in addition to the sprinkler water system. Cory took advantage of the scaffolding being in place to remove dust and debris from ceiling and steel works, replace the sprinkler heads and upgrade the light bulbs to light-emitting diode bulbs (LED).
5. Cory has stated that the MRF is now more efficient as it is now dealing with an average of 25 tonnes of mixed recycling per hour, compared to 18 tonnes per

hour before the fires took place. The main reason for this is because Cory has had the optical sorters (Pellencs) overhauled and upgraded at the same time that the fire repairs were being carried out, which has resulted in them detecting the materials more efficiently.

Belvedere

6. On 8th March 2016, between 12:30 and 13:00, 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 and Bexley Council 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

7. At the last Authority meeting it was reported that there had been a high number of needle-stick injuries to MRF employees due to an excessive amount of clinical waste making its way in to the MRF. 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.
8. In March 2014, Resource London launched a project to develop a pan London clinical waste management and collection service in partnership with NHS England (London region), based on the Hazardous Waste model operated by the City of London. This project was established to try and deal with the incorrect categorisation of clinical waste, resident confusion, poor communication between the NHS and the London Boroughs and problems with commercial collections.
9. Resource London originally planned to have the project established by April 2016, but due to a number of barriers the project was delayed. Resource London have now moved the project forward and will be inviting all interested stakeholders to a meeting in July 2017 to present their proposals.
10. Authority officers do not plan to do any further work on the viability of an Authority-wide clinical waste collection service until more is known about the pan London proposals.

ABANDONED VEHICLES

11. At the last Authority meeting it was reported that the constituent councils have a number of different powers with respect to the removal of motor vehicles from their highways through their Parking Enforcement contracts. Three out of the four boroughs are using these powers to deal with Abandoned Vehicles. The fourth, Wandsworth, is considering doing the same. As a consequence, and in order to simplify the process, a draft legal agreement between the Authority and the four boroughs, which will pass the Authority's duties under the Refuse Disposal Amenity Act 1978 to the Boroughs, has been created and circulated to the Boroughs for comment. At the time of writing, three boroughs have responded with comments and we are awaiting comments from Lambeth. The Authority is asked to agree that, once the agreement is finalised with the constituent councils, the Authority enter into it.

FEATHERS WHARF AND CRINGLE DOCK PLANNING APPLICATIONS

12. A planning application was submitted to Wandsworth Council in January 2017, to vary Condition 1 of a planning permission approved on 23rd November 2016 that permitted an eight year period of use for the bulk bays on Feathers Wharf. Approval to extend the period of use until 31 December 2032, was granted on 22nd May 2017.

13. Approval was also sought from Wandsworth Council in January 2017 to amend the existing permission to redevelop the Cringle Dock waste transfer with residential accommodation above. The amendment was for the area currently set aside for the Bulk Bays to be used to provide around 4,700sq m of additional commercial floorspace. Planning approval was granted on 14th June 2017.

RECYCLE WESTERN RIVERSIDE 5 (RWR)

Final Golden Ticket Draw (GT)

14. The total number of tickets entered into the two draws in 2016/17 was 83. 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 | 8 |
| • Kensington and Chelsea | 34 |
| • Lambeth | 10 |
| • Wandsworth | 31 |

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

- Hammersmith & Fulham 0
- Kensington and Chelsea 4
- Lambeth 5
- Wandsworth 41

16. Presentations with Borough representatives or photo sessions (a photographer took photos of individual winners or community groups being presented with their cheques) took place in Wandsworth and Kensington and Chelsea.

Estates Intervention Trial

17. In early 2016, Lambeth expressed an interest in RWR running an intensive engagement campaign on one of Lambeth's poor performing estates to see if a sustained improvement in the amount of recycling collected and a reduction in the amount of contamination could be achieved. Following the reporting of this request, Kensington and Chelsea asked for an identical trial to take place on one of their poor performing estates. Following a procurement process, Enventure Research Ltd was appointed to carry out the engagement work.

18. The two trials commenced on 24th October 2016 and the engagement staff followed a conversational script to engage with as many residents as possible about recycling when they used the communal recycling bins and on their doorsteps. The engagement staff were also tasked with monitoring the communal bins to check for dumping, overfills, missed collections and abuse. They provided advice about the proper disposal of contaminant materials, distributed informative leaflets, encouraged recycling, identified barriers to recycling and assessed satisfaction levels with the recycling services.

19. Halfway through the eight week trial it was realised that on both estates most residents had been spoken to, so the engagement staff were transferred to another estate in each of the two boroughs; Golborne Gardens Estate in Kensington and Chelsea and Holderness Estate in Lambeth. The Estates intervention trial finished on 16th December 2016.

20. Enventure Research produced a comprehensive report detailing the findings of the engagement trial on the four estates and a summary of the residents' responses to the questions. This report has been circulated to the Borough officers and is available on request.

21. The Key findings of the trial are as follows;

- The majority (84%) of all respondents do currently recycle
- Besides the Holderness estate, where 99% of only 83 respondents indicated that they did currently recycle, Silchester had the largest proportion (87%) of residents who recycled
- Respondents from the Golborne Gardens estate were less likely (78%) to recycle than any other estate
- Overall respondents were most likely to recycle as much as they can, or daily (56%), compared to any other frequency
- When asked about the benefits of recycling, the most common overall response was that it was good for the environment (79%)
- One in ten (10%) respondents overall did not know what the benefits of recycling were
- Mixed paper and card was the most common item to be recycled overall (84%)
- The most common contaminant to be recycled was “other plastics”, suggested by 10% of respondents
- The majority (65%) of respondents overall who did recycle did not have any problems with recycling or their recycling bank
- The most common problem (8%) with overall respondents who did recycle was problems with people contaminating the recycling bank
- The most common problem across all estates was people contaminating the recycling bank, apart from the Fenwick estate which was having improved access to a recycling bank (9%)
- Both estates in Kensington and Chelsea had larger proportions of respondents suggesting that the recycling bank needs emptying more frequently. This was less of a problem for respondents from Lambeth estates. The most common reason for not recycling for all respondents who indicated that they did not recycle was that they could not be bothered (14%)
- Respondents who did not recycle in Lambeth were more likely to say this was because they did not have the necessary resources or information, compared with respondents who lived on the Kensington and Chelsea estates who did not recycle because they could not be bothered
- One in five (19%) of overall respondents who did not recycle said that nothing would encourage them to start recycling
- The most common (18%) suggestion for ways to encourage those who did not recycle to start doing so was to provide more information about what happens to recycling and the benefits
- Respondents who did not already recycle on the Silchester estate were significantly more likely (28%) to say that nothing could encourage them to recycle than any other estate

- Respondents from the Fenwick and Golborne Gardens estates were most likely to say that they would be encouraged to start recycling if they had more information about what happens to recycling and the benefits (16% and 28% respectively)
- Those who did recycle were most likely (84%) to say they were somewhat satisfied with the recycling service (very satisfied at 21% and quite satisfied at 63%)
- Those who did not recycle were most likely to say they were neither satisfied nor dissatisfied with the service overall (63%)
- Besides the Holderness estate, where 92% of just 82 people said they were somewhat satisfied, overall satisfaction was highest with the Silchester estate (83%)
- The most common (19%) reason given by those who did recycle and were satisfied with the service was that it was a good service
- Those who did recycle and were somewhat dissatisfied with the recycling service were most likely to say this was because it was a poor service (21%)
- Staff feedback shows that the doorstepping engagement worked better than the communal bin engagement as there were fewer residents using the bins or walking through the estate
- Engagement staff recommend undertaking a similar trial throughout the summer months where the days are lighter for longer and warmer, so that residents are more likely to be walking through the estate and happier to stay outside to talk

22. 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.

23. Here are the results of the Lambeth “clean collections” (the residual estate bins were collected separately from the recycling bins). The recycling loads were also sampled to test for levels of contamination.

Lambeth

| Date of sample | Fenwick Estate - recycling contamination | Fenwick Estate - recycling tonnage | Fenwick Estate - residual tonnage | Holderness Estate - recycling contamination | Holderness Estate - recycling tonnage | Holderness Estate - residual tonnage |
|----------------|--|------------------------------------|-----------------------------------|---|---------------------------------------|--------------------------------------|
| 11/10/2016 | 6.24% | 0.64 | 2.78 | | | |
| 13/10/2016 | | | 1.64 | | | |
| 18/10/2016 | 11.75% | 0.60 | 2.50 | | | |
| 20/10/2016 | | | 1.66 | | | |
| 15/11/2016 | | | | | | 1.36 |
| 17/11/2016 | | | | 21.41% | 0.36 | |
| 18/11/2016 | | | | | | 0.96 |

| | | | | | | |
|------------|--------|------|------|--------|------|------|
| 06/12/2016 | 22.55% | 0.58 | 3.70 | | | |
| 08/12/2016 | | | 3.64 | | | |
| 10/12/2016 | | | 1.06 | | | |
| 13/12/2016 | 11.74% | 0.52 | 2.94 | | | |
| 20/12/2016 | | | | | | 2.66 |
| 22/12/2016 | | | | 37.84% | 0.28 | |
| 23/12/2016 | | | | | | 1.60 |
| 09/05/2017 | | | | | | 1.32 |
| 10/05/2017 | | | 2.20 | | | |
| 11/05/2017 | 16.01% | 0.54 | | 42.61% | 0.28 | |
| 12/05/2017 | | | | | | 0.94 |
| 13/05/2017 | | | 2.34 | | | |

Kensington and Chelsea

| Date of sample | Silchester Estate - recycling contamination | Silchester Estate - recycling tonnage | Silchester Estate - residual tonnage |
|----------------|---|---------------------------------------|--------------------------------------|
| 12/10/2016 | | | 40 |
| 19/10/2016 | | | 60 |
| 21/10/2016 | 32.04% | 80 | |
| 30/11/2016 | 34.26% | 20 | |
| 25/01/2016 | 44.20% | 60 | 60 |
| 22/02/2017 | 42.62% | 80 | 20 |
| 20/03/2017 | | | 40 |
| 29/03/2017 | 36.7% | 40 | |

24. The results in the tables above and overleaf clearly demonstrate that the intensive engagement on the three estates measured was not effective at reducing contamination or increasing recycling. Contamination increased and the recycling tonnage reduced on the three estates measured.

25. An additional initiative agreed for the Kensington and Chelsea trial was to attempt to recruit volunteers that may be willing to speak to their neighbours and persuade and help them to recycle. Two Environment engagement staff were deployed on the Cremorne Estate in Chelsea in January 2017, knocking on doors and speaking to residents about volunteering. Sixteen residents responded positively and their details have been passed to Borough officers to follow up.

Education Programme

26. Following approval from Members at the June 2016 Committee meeting, Authority officers recruited two new education officers to join the two Education Team members, to help to expand the Education Programme by taking it out to schools and community groups across the four boroughs. They were appointed on temporary contracts on a part-time, term-time only basis and commenced employment in November 2016. The demand from schools for the new outreach programme has been very high and, by the end of the summer term, education officers will have spoken to over 10,000 children about Reducing, Reusing and Recycling during this academic year. This is more than double the previous year's figure and 37% of the schools involved this year were new to the programme.

Visits to Smugglers Way

| Borough | Number of classes visiting Smugglers Way 1/9/16-8/5/17 | % of visits from each borough |
|----------------|---|--------------------------------------|
| LBHF | 18 | 20 |
| RBKC | 17 | 18 |
| Lambeth | 24 | 26 |
| Wandsworth | 33 | 36 |
| TOTAL | 92 | 100 |

27. Up to 8th May 2017 during the current academic year there have been 82 class visits to Smugglers Way, engaging approximately 2,050 children (based on an average group size of 25 children). A further 40 school tours are booked for the remainder of the summer term, which will give a total of 122 class visits for the year. For the second year running visits to the site are at full capacity. The total number of children engaged through visits to the site for this Academic year will be approximately 3,050.

Community group visits and Residents tours

28. The education team also run tours for residents and community groups based in the Western Riverside area. This year there have been ten residents' tours, and five community group tours, including girl guides, groundwork volunteers, talks at Housing Associations and gardening clubs.

Education outreach programme

29. Since the two new education officers commenced employment the programme of outreach activities has been extended significantly. Schools are offered up to four hours per day, with a range of assemblies and workshops for different age

groups. Take up of these has been extremely high and, as at 1 June 2017, there is only 1 day's availability remaining until the end of the Summer term.

30. The team have carried out 162 workshops and assemblies in school, as shown in the table overleaf. There are more workshops booked for the remainder of the summer term, but since timings and content can change these have not been included in these figures. (Please note that there are currently 8 workshops and 2 assemblies booked for Lambeth schools in June). Based on current bookings we expect to engage another 2,000 children before the end of the school year.

| | <u>Total No. of workshops</u> | <u>Assemblies</u> | <u>Michael recycle</u> | <u>Another Fine mess</u> | <u>Papermaking</u> | <u>Recycle Races</u> | <u>Waste audit</u> | <u>Food Waste</u> | <u>Circular Economy</u> |
|--------------|-------------------------------|-------------------|------------------------|--------------------------|--------------------|----------------------|--------------------|-------------------|-------------------------|
| LBHF | 35 | 5 | 9 | 7 | 8 | 4 | 0 | 1 | 1 |
| RBKC | 20 | 9 | 0 | 0 | 9 | 2 | 0 | 0 | 0 |
| Lambeth | 11 | 4 | 0 | 0 | 5 | 2 | 0 | 0 | 0 |
| Wandsworth | 96 | 14 | 25 | 9 | 28 | 6 | 1 | 12 | 1 |
| TOTAL | 162 | 32 | 34 | 16 | 50 | 14 | 1 | 13 | 2 |
| Children | 6750 | 8000 | 850 | 400 | 1250 | 350 | 25 | 325 | 50 |

31. By the end of the school year it is estimated that the team will have spoken to approximately 11,000 children (some children have both visited the site and been visited by us). This is more than double the number of children engaged in the previous year (approximately 4,000 in 2015/6).

Programme reach

32. Assuming current bookings are fulfilled, by the end of the school year the team will have been in contact with 65 schools across the four boroughs, of which 24 (just over a third) are new.

33. This has increased the proportion of schools within the four boroughs that have taken part in the programme in the last three years from 49% to 60% in the last year.

| Visits per borough | | | | | |
|--------------------|-----------------|-----------------------|---------------|---|--|
| Borough | Schools engaged | Number of new schools | % new schools | % reach (state primary schools contacted over last 3 years) | Increase in reach since September 2016 |
| H&F | 16 | 8 | 50 | 63 | 12% |
| RBKC | 15 | 5 | 33 | 61 | 23% |
| Lambeth | 13 | 4 | 31 | 52 | 6% |
| Wandsworth | 21 | 7 | 33 | 63 | 8% |
| TOTAL | 65 | 24 | 37 | 60 | 11% |

Feedback

34. All classes are sent an electronic feedback form after their visit. Teachers are asked about the specifics of their workshops and asked to give a score out of 10 for whether they would recommend our programme to a colleague (this is a common measure of customer satisfaction). The average recommendation score for the programme overall was **9.3 (out of 10)**. For in-school visits, the average score was **9.0**, and for visits to the site it was **9.9**. These scores are based on a relatively small sample, and we are continuing to encourage schools to give feedback as much as possible.

| How likely to recommend on scale 1-10? | All visits | Smugglers | In school |
|--|------------|------------|------------|
| 10 | 14 | 7 | 7 |
| 9 | 3 | 1 | 2 |
| 8 | 3 | | 3 |
| 7 | 2 | | 2 |
| 6 or below | 0 | 0 | 0 |
| Total number | 22 | 8 | 14 |
| AV SCORE | 9.3 | 9.9 | 9.0 |

35. Testimonials from teachers

“A huge thank you from West Hill and especially me. That was so much fun. We will be sending through action plans and photos shortly but I just wanted to say a quick thank you. That was well organised and perfectly pitched. It has made a huge impact on staff and the children. Now we have lots of ideas and things to look at to help us move forward!” – *feedback following a waste audit at West Hill school in Wandsworth*

“Thank you, it was a lovely afternoon and the pupils clearly enjoyed it. They are much more interested in recycling as a result!” - *Feedback after a recycle races session in St Thomas Academy, Hammersmith*

“Jack Tizard is a specialist school. The group of children that visited the site had very diverse needs regarding the pupils’ communication modes, levels of understanding and behavioural issues. The staff were understanding, adaptable and very engaging with the pupils, changing the pace, direction and content of the workshop to suit the groups needs” - *Feedback following a visit to Smugglers Way by Jack Tizard school, LBHF*

“Thank you again for a wonderful evening last night. The girls had a wonderful time, and one of them even commented to me as we left "I think everyone should have to go and visit the recycling centre. Then they'd know how much of a difference it can make to recycle". It was great to give them a unique experience.” - *Feedback from a girl guides group who visited Smugglers Way*

“Thank you very much for the amazing work shops and hard work that you and your team put in. The kids had a fantastic time across the school :)” - *Feedback after a series of workshops across the whole school at Gatton School, Wandsworth*

“We had a great morning, thank you very much. The children really enjoyed it and are excited to take their recycled paper home and explain what they did to their parents” - *Feedback after a papermaking workshop in Sudbourne School, Lambeth*

“This cohort of children have a strong interest in all things 'eco' and were very keen to show off their knowledge. The competitive nature of the recycle races really captured their enthusiasm. Paper making was modelled and explained well and the children took pride in the ownership of making their own recycled paper.” - *Feedback from a recycle races and papermaking morning, Bonneville School, Lambeth*

Content of the programme

36. The programme has been developed to deliver the 3Rs message in an age appropriate way for all Key Stages, using stories, songs and actions to engage children and make the sessions memorable.

37. Our 3Rs assembly is an introduction to the problems that waste causes and what we can all do to solve them – putting the 3Rs into practice every day. Assemblies can either be stand alone or used as an introduction to other sessions. The structure is –

- the problems of pollution, wasting resources, energy and food
- the 3Rs – what each one means, and examples relevant to children
- What goes in the recycling bin – demonstration
- Song with actions

Early Years and Key Stage 1 workshops

38. 'Another Fine Mess' and 'Michael Recycle' are story and craft workshops for Early Years and Key Stage 1, starting with a story and discussion about the right thing to do with our rubbish. Children then create their own reused instrument or recycling superhero using scrap materials that would otherwise have been thrown away.
39. The new Michael Recycle workshop has been especially popular and encourages children to be their own recycling superhero, asking them for a commitment to look after the environment themselves.

Key Stage 2 workshops

Papermaking

40. The papermaking workshops are extremely popular, both as part of the tour at Smugglers Way and in-school. Children work in teams to become a paper factory and turn old newspaper into new pieces of paper. The session includes a discussion and video on why it is important to recycle, and the resource, pollution and energy savings that come from recycling paper.

Recycle Races

41. This session focuses on recycling in more depth, and investigates how much energy and pollution is saved by recycling, using aluminium as an example. Children then compete in teams to sort bags of waste into rubbish, reuse and recycling, losing points for wrong answers and winning bonus points for very creative reuse ideas. This is a very popular session with upper KS2 groups who really enjoy the competitive and physical elements of it.

Closing the Loop

42. This is the newest workshop, which is a very active session for children to act out the linear economy and discover the problem with it themselves. They act out the journey of paper products from forest to landfill, having to stop when they run out of trees. The session continues with a newly built recycling centre, helping to protect our remaining resources, and then the children decide which model is the better one, finishing with a recap of all the materials that can be recycled and seeking commitment from the children to recycle as much as possible.

Waste audits

43. This year for the first time the in-house Education Programme has offered waste audits to schools. The school collects and saves a day's waste and recycling from all areas of the school and children work in teams to separate, categorise and weigh the different types of waste.
44. They find out how much of what is going in their bins could have been recycled and how much contamination is in their recycling bins. The team produce a report which gives the school all the information on what is in their bins, how much they are throwing away and gives pointers for how they can improve. A return visit is offered as part of the waste audit package, in order to check progress.
45. So far the team have run one waste audit, but have another booked for the summer term. The team also offer support for food waste audits – to help schools look at the amount of food they are throwing away from school meals.

Proposals for 2017/18

46. It is evident that the expansion of the education programme has been successful and, as this school year has been booked to capacity for much of the Autumn and Spring terms, and is completely full for the Summer term, it is expected that next year will be equally busy. It is proposed therefore to permanently employ the two new education officers with effect from July 2017 (when their temporary contracts expire) and permanently employ one existing Education Officer in the role of Team Leader.
47. Going forward, it is proposed to review what additional resources may be required to create additional capacity to meet the current demand from schools and reach the schools not currently involved with the education programme and report back to the next Authority meeting.

Resource London – Borough Communications Funding for Recycle Week

48. After consultation with the Borough Technical Officers, Authority officers submitted a funding application to Resource London for £20,000 for communications activity during Recycle Week in September 2017. Specifically, it requested £5,000 per borough for bus shelter advertising. On 8th June 2017, Resource London offered the Authority a total funding offer of £12,000 which equates to £3,000 per borough. Resource London stated that the £50,000 fund had been over-subscribed, resulting in greatly reduced offers. The main funding

condition is that only approved “Recycle for London” communications materials must be used.

WESTERN RIVERSIDE ENVIRONMENTAL FUND

49. The Western Riverside Environmental Fund (WREF) was set up in April 1999 as a partnership between the Authority and Groundwork UK. The fund utilises the landfill tax credit scheme, and landfill tax contributions to WREF have been made by Cory.

50. In February 2017, Cory sold its UK landfill and gas business to an insurance company called Armour Group Holdings, so it no longer holds an interest in the landfill business and will not be in a position to continue making contributions to WREF.

51. The Landfill Tax Credit Scheme demands that Environmental Funds must sit within a ten mile radius of a landfill site in order to receive landfill credit contributions. WREF currently sits within the ten mile radius of the Beddington Lane landfill site which is due to close in 2020. The Authority no longer uses landfill as a disposal option and it is therefore unlikely that the Authority would be successful in persuading another landfill operator to make landfill credit contributions to WREF for the three year period that Beddington Lane will operate.

52. Cory has stated that it will ensure that sufficient funds are available so that WREF can fulfil its current funding commitments and properly manage those projects to completion. The Authority’s Chairman has written to Cory’s Chairman, Jonson Cox, suggesting that he consider an opportunity for Cory to support new environmental projects, perhaps relating to Cory’s use of the River Thames and/or relating to the importance of generating energy from waste. If agreeable, the WREF model could be adapted and a fund, in association with Groundwork London, could be a sensible starting point for such a project.

KEY PERFORMANCE INDICATORS 2016/17

53. Attached as Appendix A 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

54. 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.
55. In April 2017, Kensington and Chelsea wrote to the Authority stating their intention to introduce a 12 month food waste pilot collection service in North Kensington, for 2,400 residents living on a large estate. The proposed start date was 1st June 2017 which, since it fell before this meeting (the next planned Authority meeting), the General Manager sought approval for under Standing Order 38, which is attached as Appendix B and provides the detail of the proposed scheme. However, the pilot did not commence on 1st June 2017 as planned due to concerns raised by the London Fire Brigade (LFB) about the potential obstruction of fire exits and negotiations are continuing with the LFB to resolve this issue.

ANNUAL MEMBERS STRATEGY FORUM AND VISIT

56. 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.
57. The General Manager has prepared an in-depth report on recycling (attached as Paper No. WRWA 832) and proposes that this could form the basis for a Members Forum at Smugglers Way in the Autumn.

COMMENTS OF THE TREASURER

58. The repair work at the MRF has been completed at no cost to the Authority and there have not been any diversions resulting in any financial implications for constituent boroughs.
59. The Authority agreed, Paper No. WRWA 804 in June 2016, to set aside £250,000 in a Recycling Initiatives Reserve. The cost of the two education officers on a

permanent basis will cost approximately £50,000 per year and, if this cannot be funded from within existing budgets, there will be a draw down from this reserve.

LEGAL ADVICE

60. The Authority currently has two firms providing it with legal advice:

- Trowers and Hamblins LLP who advise on other matters of Public and General Law; and
- SGH Martineau LLP who advise on matters associated with the Waste Management Services Agreement with Cory Environmental Limited.

61. At its July 2012 meeting, Paper No. WRWA 710, the Authority agreed, following a tendering exercise involving five law firms, to appoint Trowers and Hamblins LLP for a period of five years with an option to extend for a further two years, if required, to enable any outstanding areas of advice to be concluded.

62. At its February 2013 meeting, Paper No. WRWA 728, the Authority agreed to appoint SGH Martineau LLP until either a refinancing of the WMSA had occurred, or the Clerk considered that some other change in circumstances might warrant an earlier review.

63. The appointment of both sets of legal advisers is therefore due for review but, in the circumstances the Authority finds itself in relation to the potential redevelopment of Cringle Dock, the Clerk, Treasurer and General Manager would not recommend changing legal advisers at this time.

64. Any redevelopment of Cringle Dock will require significant contractual interaction with Cory and it is essential that the Authority's position is safeguarded; similarly, there are major public procurement and land use considerations associated with any redevelopment. Both sets of advisers have already provided the Authority with a considerable amount of advice on these matters and to change advisers now would be an unnecessary risk.

65. The Authority is therefore recommended to agree that both sets of advisers be retained, on their existing rates (or with an indexation link), for a further period of two years, or until the Clerk considers that some change in circumstances might warrant an earlier review.

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

66. 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:-

| | | |
|------------------|--|---------|
| Choice Computing | Cloud Hosting and Computer Systems Support | £12,275 |
|------------------|--|---------|

RECOMMENDATIONS

67. Members are asked to:

- a) agree, as outlined in paragraph 11, once an agreement on Abandoned Cars is finalised with the constituent councils, that the Authority enter into it;
- b) approve the proposals outlined in paragraphs 46 and 47, to permanently employ the two new education officers with effect from July 2017 (when their temporary contracts expire) and permanently employ one Education Officer in the role of Team Leader;
- c) agree, as outlined in paragraphs 60 to 65, that Trowers and Hamblins LLP and Shakespeare Martineau LLP be retained as the Authority’s advisers on the Public Law and WMSA matters respectively for a further period of two years or until the Clerk considers that some change in circumstances might warrant an earlier review; and
- d) otherwise receive this report as information.

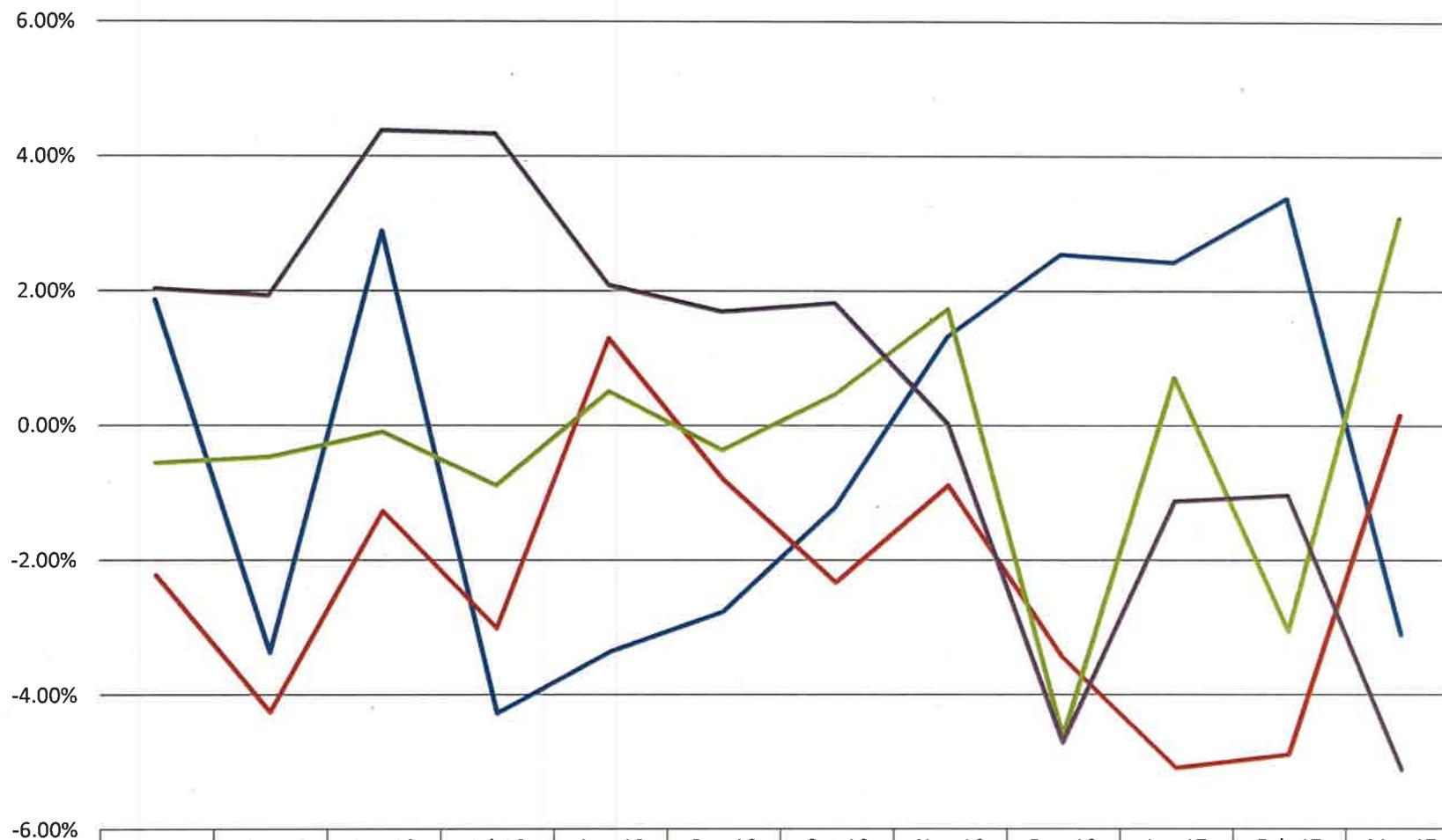
Mark Broxup
General Manager

Western Riverside Waste Authority
Smugglers Way
Wandsworth
SW18 1JS

20th June 2017

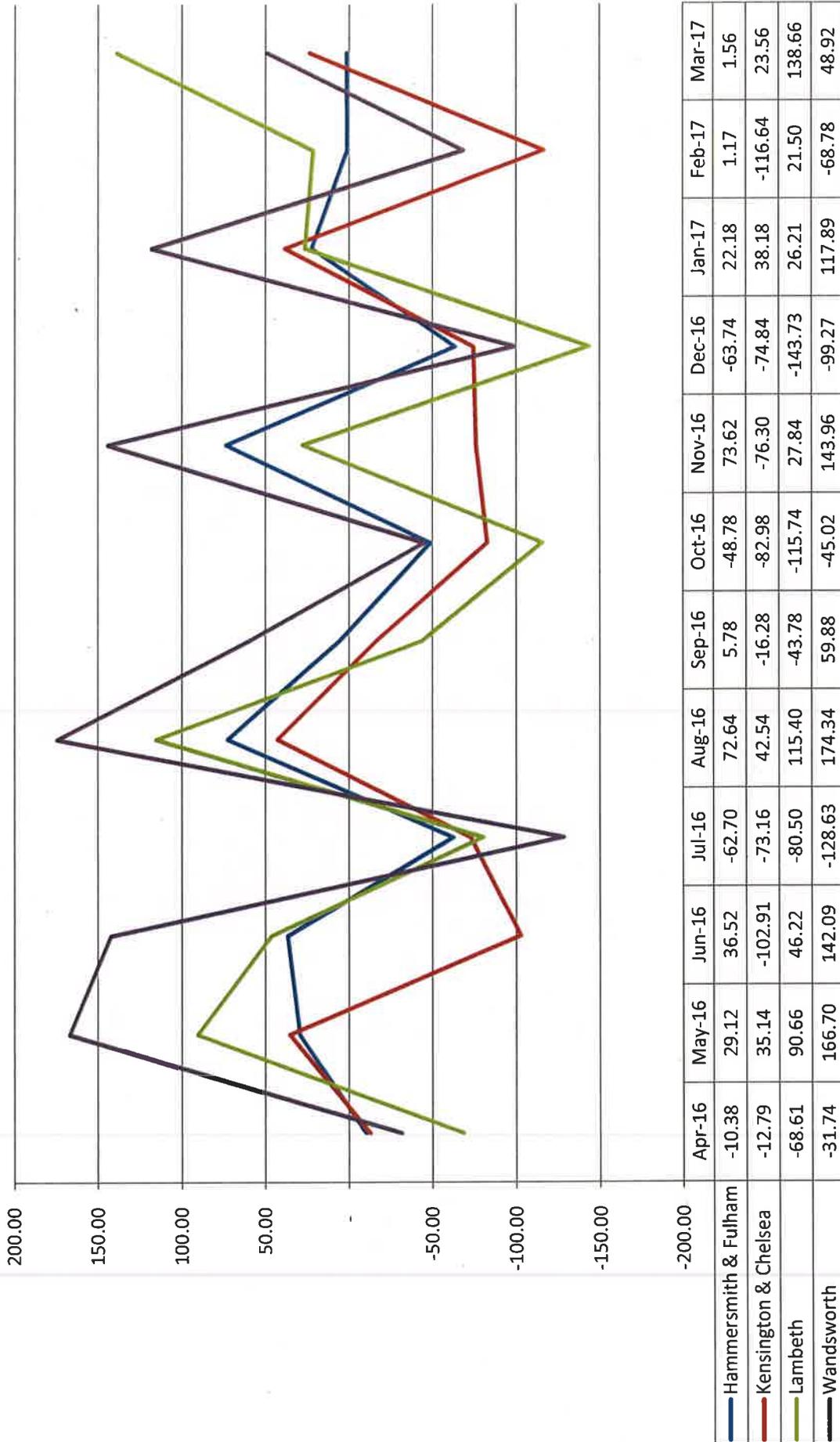
Contamination - Year on Year Comparison

%

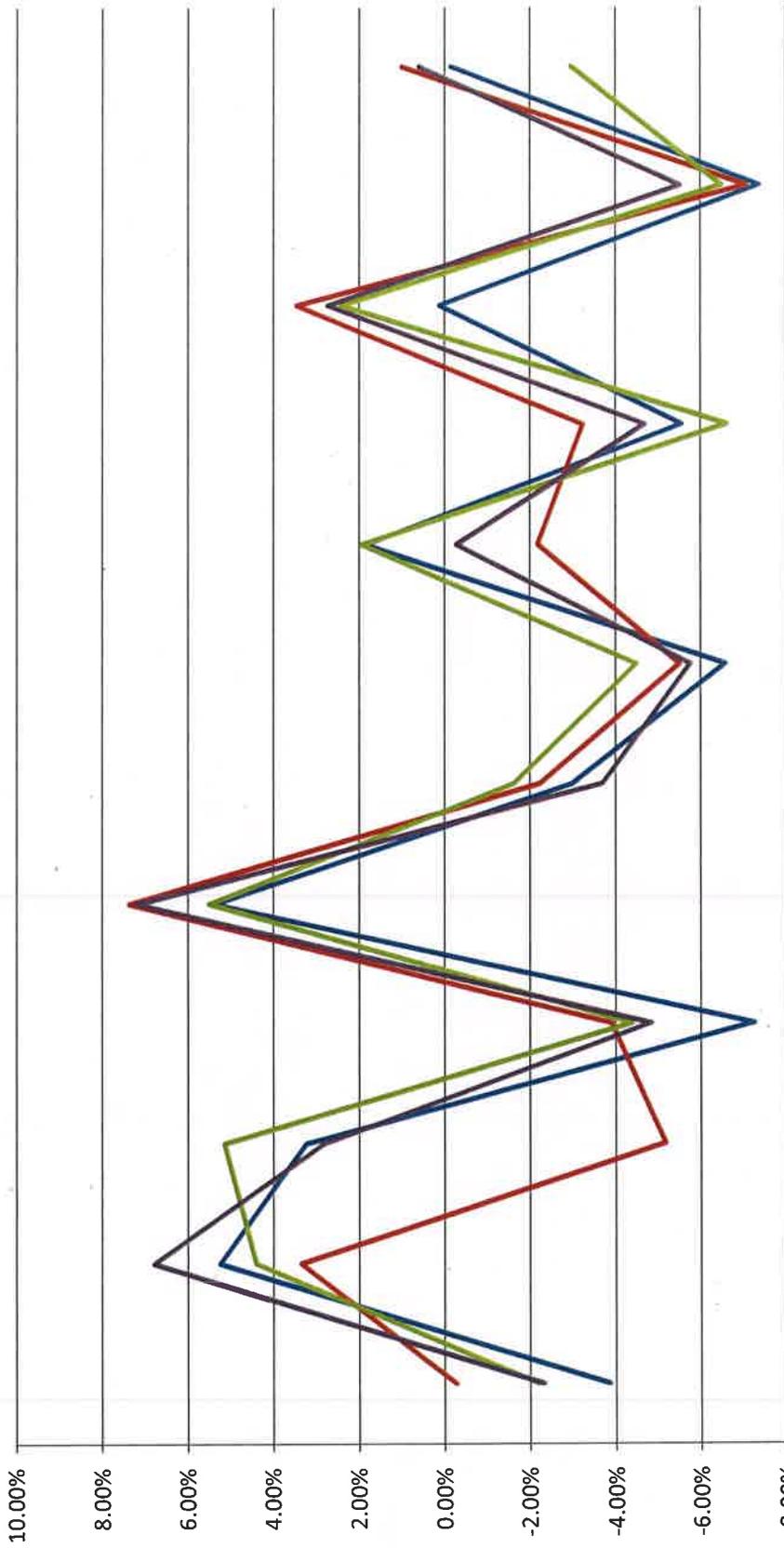


| | Apr-16 | May-16 | Jun-16 | Jul-16 | Aug-16 | Sep-16 | Oct-16 | Nov-16 | Dec-16 | Jan-17 | Feb-17 | Mar-17 |
|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Hammersmith & Fulham | 1.86% | -3.38% | 2.89% | -4.28% | -3.37% | -2.78% | -1.21% | 1.32% | 2.54% | 2.42% | 3.37% | -3.12% |
| Kensington & Chelsea | -2.23% | -4.26% | -1.27% | -3.02% | 1.29% | -0.79% | -2.34% | -0.89% | -3.45% | -5.10% | -4.90% | 0.15% |
| Lambeth | -0.56% | -0.47% | -0.10% | -0.89% | 0.50% | -0.37% | 0.46% | 1.73% | -4.63% | 0.71% | -3.07% | 3.09% |
| Wandsworth | 2.03% | 1.93% | 4.38% | 4.33% | 2.09% | 1.69% | 1.82% | 0.01% | -4.72% | -1.13% | -1.04% | -5.13% |

Co-mingled Recyclables - Year on Year Comparison
Tonnes

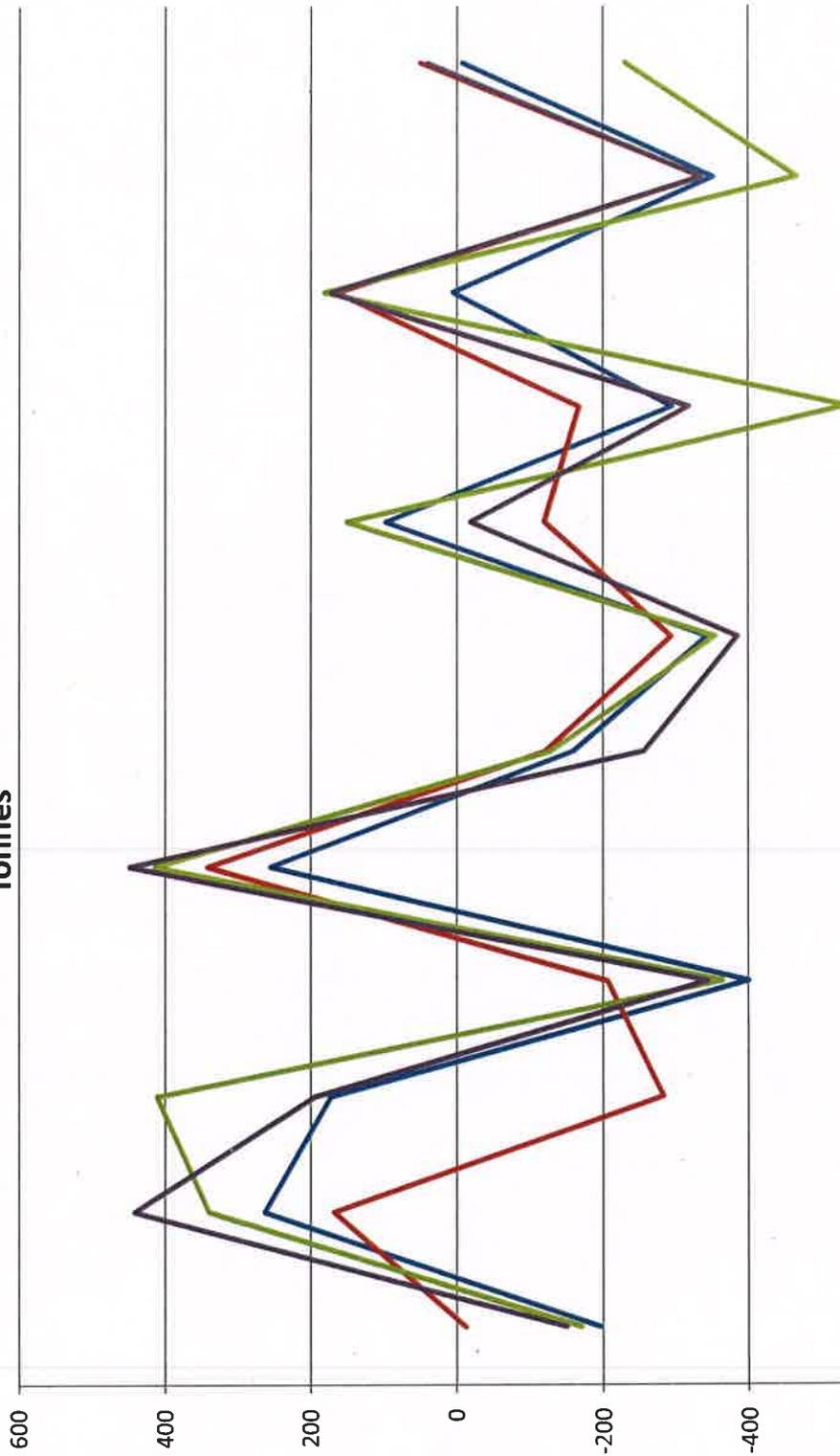


Borough General Waste - Year on Year Comparison
%



| | Apr-16 | May-16 | Jun-16 | Jul-16 | Aug-16 | Sep-16 | Oct-16 | Nov-16 | Dec-16 | Jan-17 | Feb-17 | Mar-17 |
|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Hammersmith & Fulham | -3.86% | 5.24% | 3.24% | -7.25% | 5.37% | -2.99% | -6.58% | 1.84% | -5.56% | 0.12% | -7.38% | -0.15% |
| Kensington & Chelsea | -0.28% | 3.35% | -5.17% | -3.91% | 7.37% | -2.23% | -5.51% | -2.18% | -3.24% | 3.45% | -7.08% | 1.00% |
| Lambeth | -2.21% | 4.40% | 5.14% | -4.39% | 5.51% | -1.62% | -4.50% | 1.94% | -6.62% | 2.42% | -6.49% | -2.96% |
| Wandsworth | -2.32% | 6.78% | 2.81% | -4.84% | 7.17% | -3.70% | -5.76% | -0.28% | -4.69% | 2.73% | -5.52% | 0.61% |

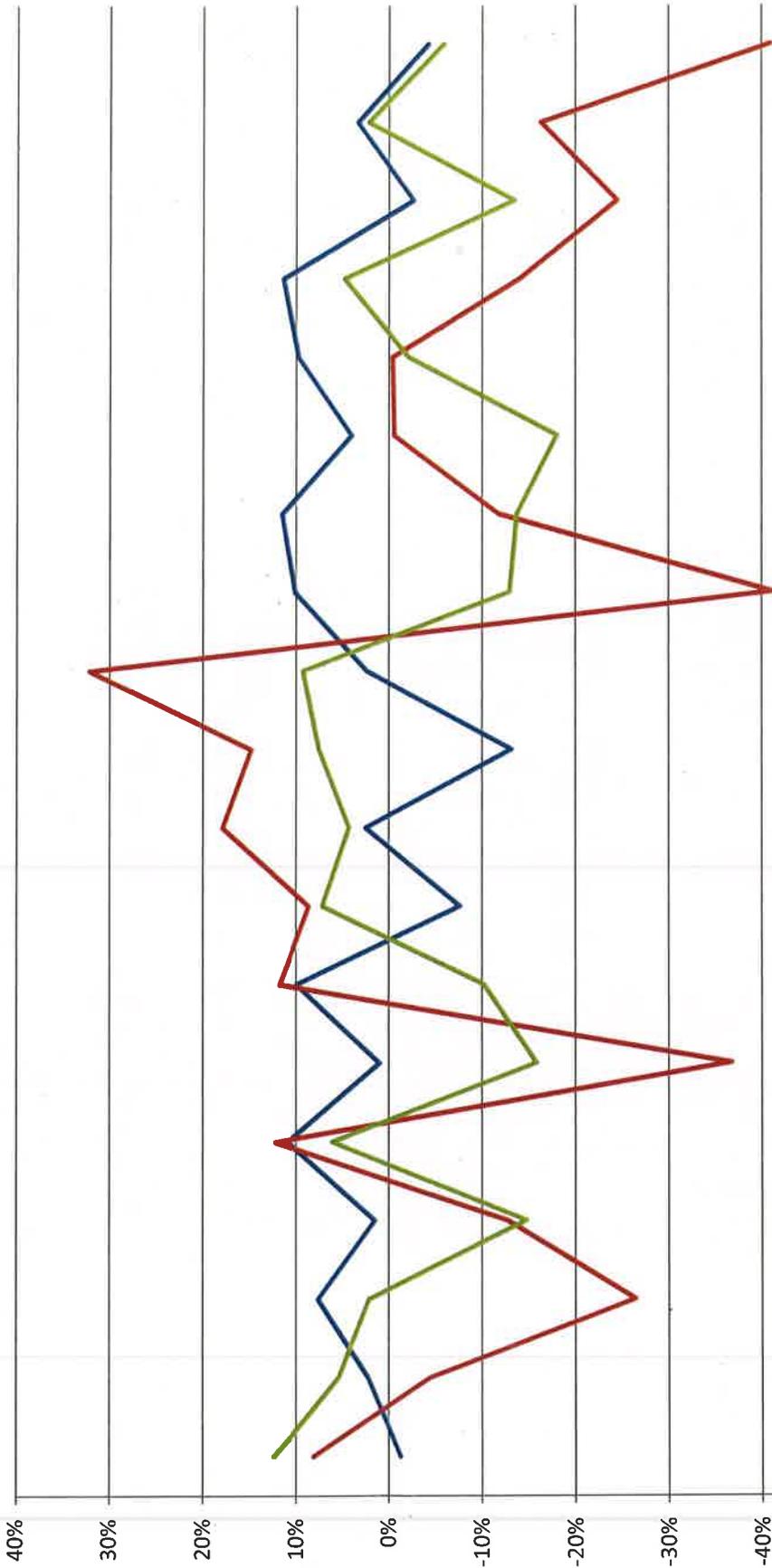
Borough General Waste - Year on Year Comparison
Tonnes



| | Apr-16 | May-16 | Jun-16 | Jul-16 | Aug-16 | Sep-16 | Oct-16 | Nov-16 | Dec-16 | Jan-17 | Feb-17 | Mar-17 |
|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Hammersmith & Fulham | -197 | 263 | 173 | -401 | 256 | -159 | -343 | 97 | -295 | 6 | -351 | -8 |
| Kensington & Chelsea | -13 | 169 | -283 | -206 | 342 | -121 | -294 | -120 | -167 | 164 | -335 | 50 |
| Lambeth | -171 | 340 | 411 | -365 | 414 | -129 | -354 | 151 | -536 | 182 | -467 | -230 |
| Wandsworth | -151 | 442 | 194 | -345 | 449 | -256 | -385 | -19 | -319 | 172 | -336 | 40 |

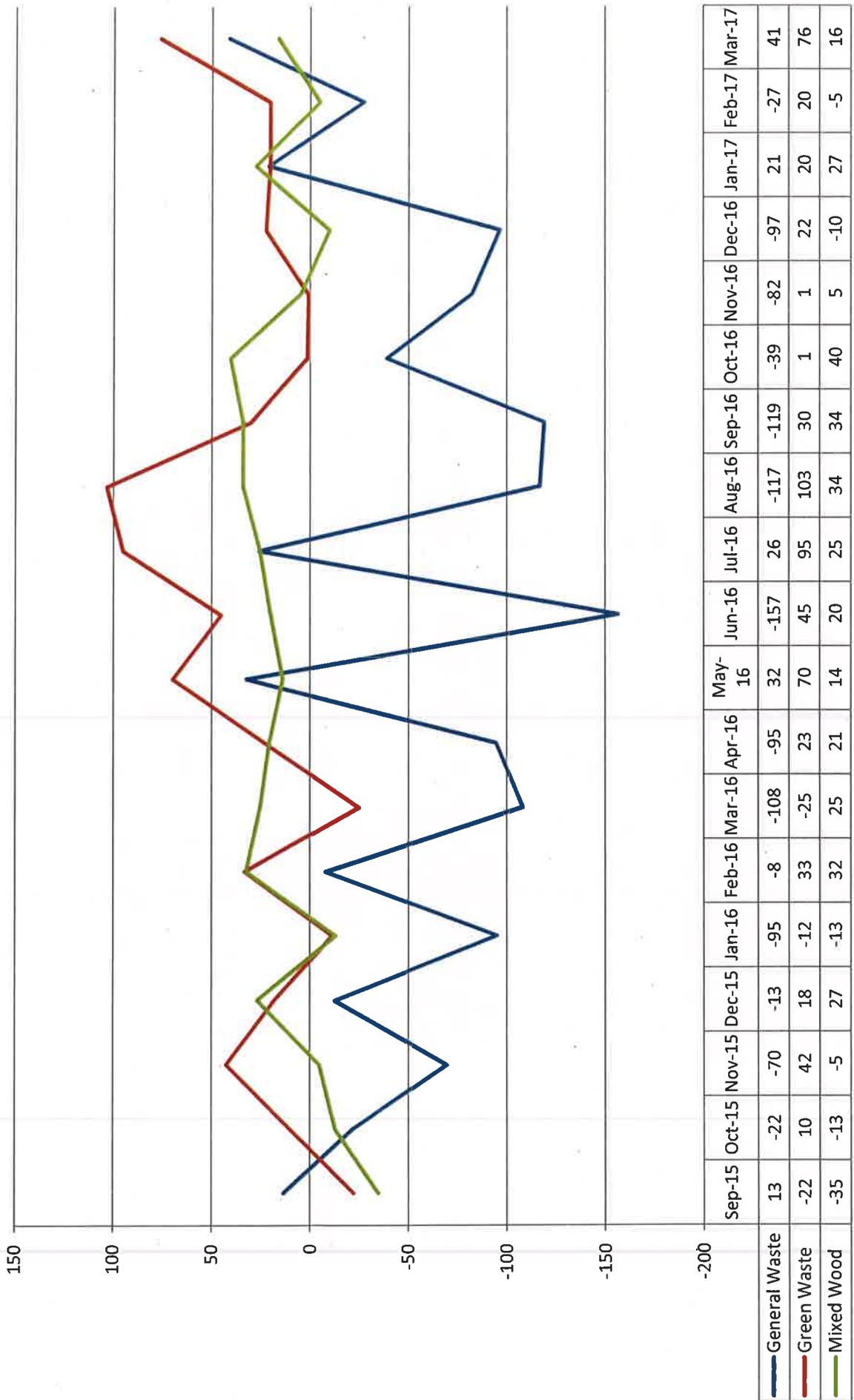
Household Waste and Recycling Centre - Year on Year Comparison

%

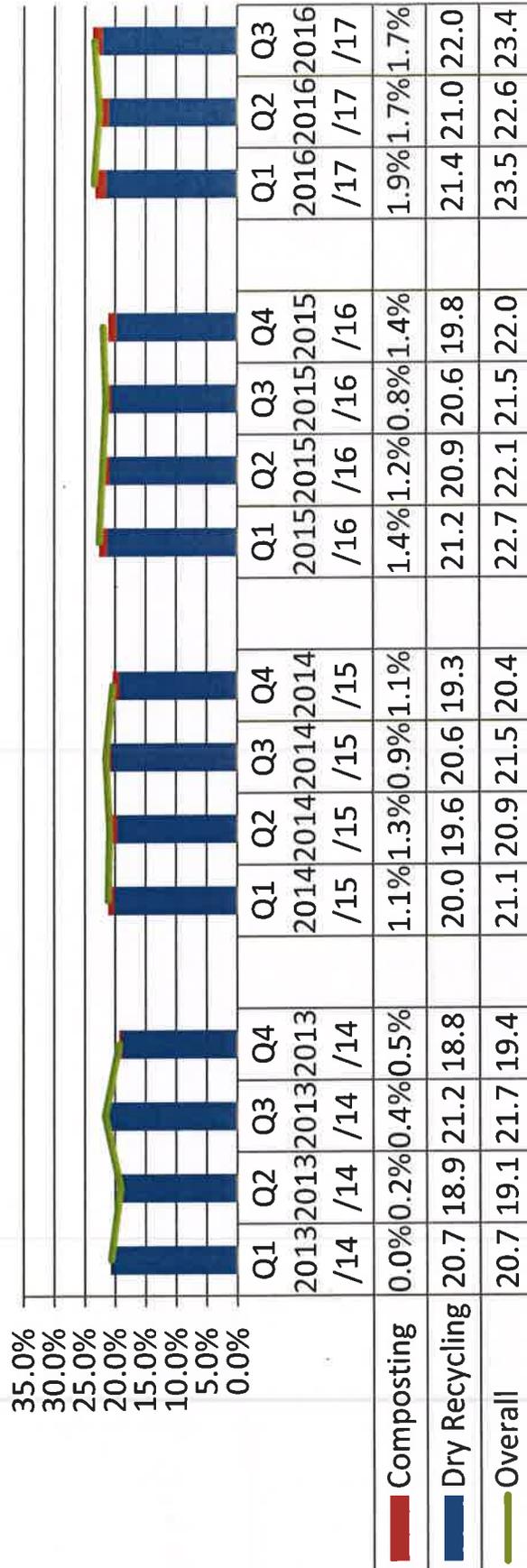


| | Sep-15 | Oct-15 | Nov-15 | Dec-15 | Jan-16 | Feb-16 | Mar-16 | Apr-16 | May-16 | Jun-16 | Jul-16 | Aug-16 | Sep-16 | Oct-16 | Nov-16 | Dec-16 | Jan-17 | Feb-17 | Mar-17 |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| General Waste | 12 | 2 | 8 | 1 | 11 | 1 | 10 | -8 | 2 | -13 | 2 | 10 | 11 | 4 | 10 | 11 | -3 | 3 | -4 |
| Green Waste | 8 | -4 | -26 | -13 | 12 | -37 | 12 | 9 | 18 | 15 | 32 | -41 | -12 | -1 | 0 | -14 | -25 | -16 | -41 |
| Mixed Wood | 5 | 12 | 2 | -15 | 6 | -16 | -10 | 7 | 4 | 8 | 9 | -13 | -14 | -18 | -2 | 5 | -14 | 2 | -6 |

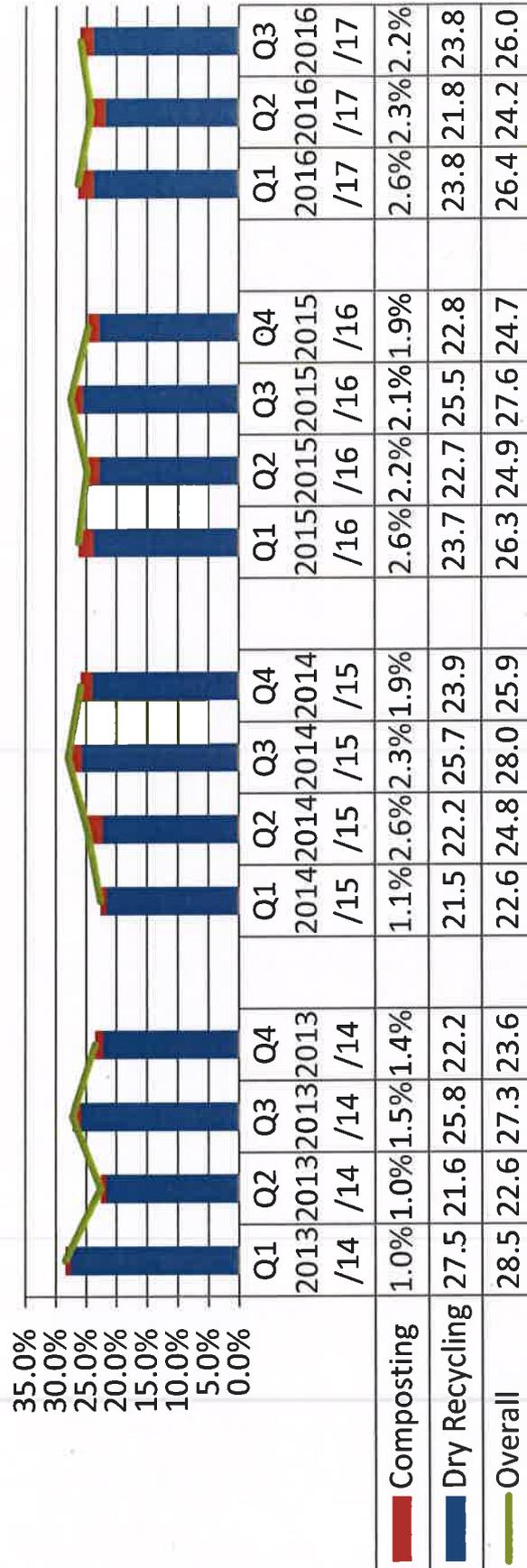
Household Waste and Recycling Centre - Year on Year Comparison
Tonnes



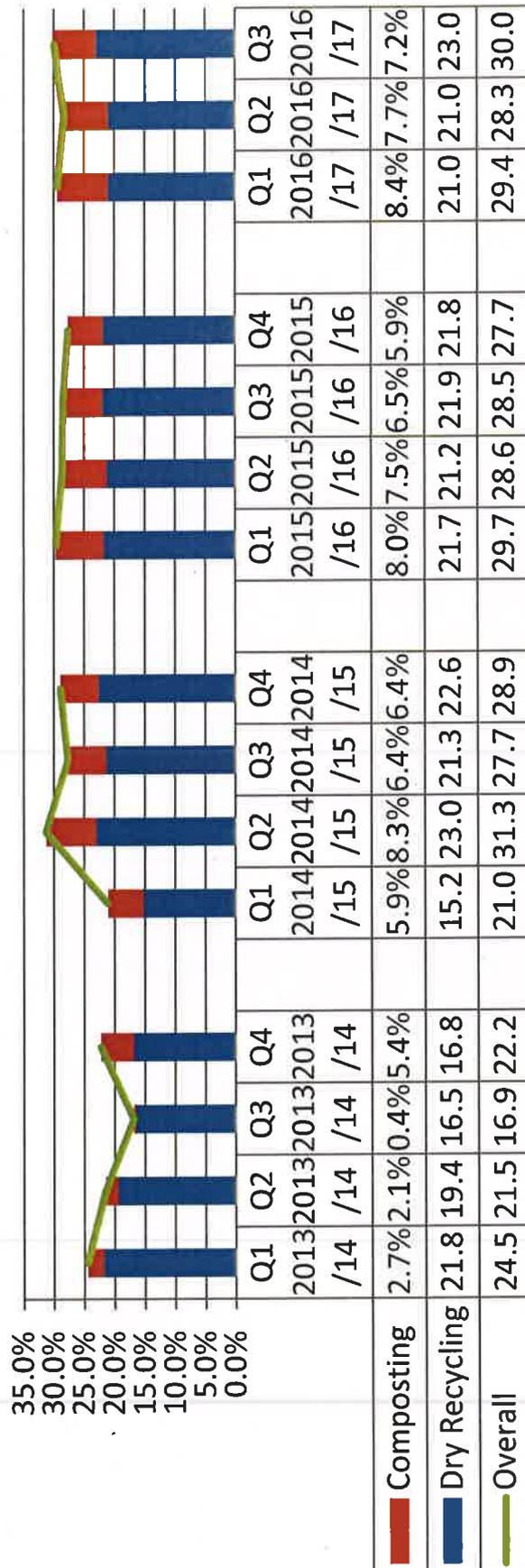
H&F - WasteDataFlow Household Recycling Performance



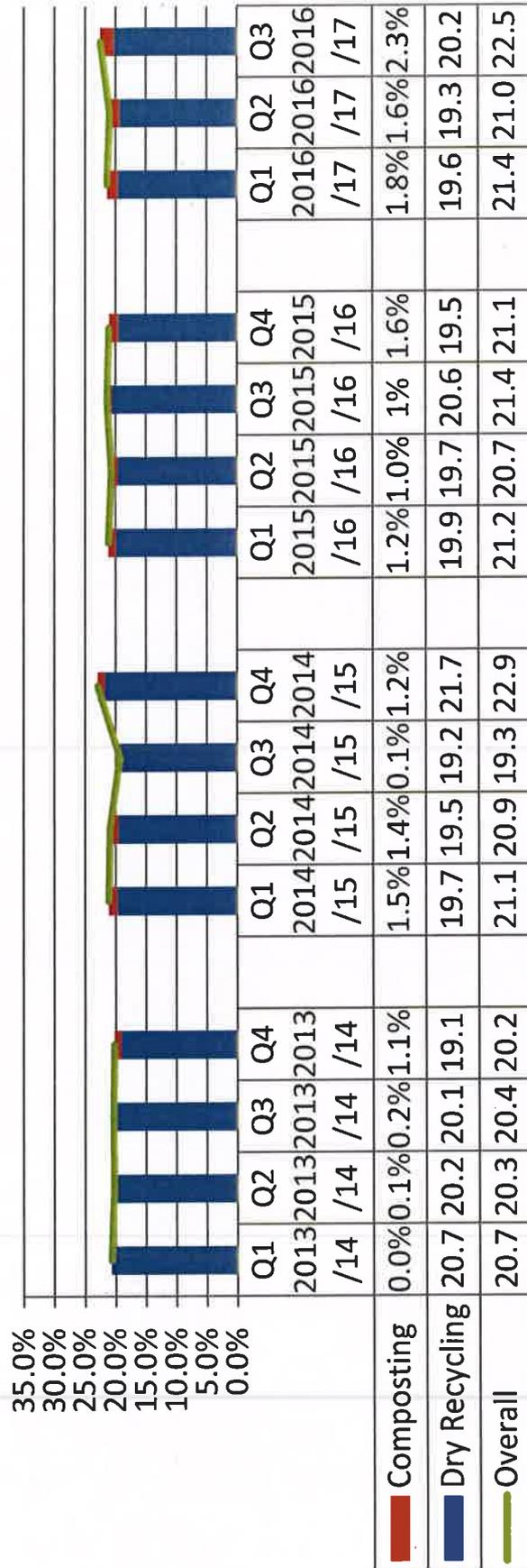
K&C - WasteDataFlow Household Recycling Performance



Lambeth - Waste Data Flow Household Recycling Performance



Wandsworth - WasteDataFlow Household Recycling Performance



WESTERN RIVERSIDE WASTE AUTHORITY

No. 96

WRITTEN SUMMARY OF ACTION TAKEN UNDER STANDING ORDER NO. 38**SUBJECT:** Food Waste Pilot in the Royal Borough of Kensington and Chelsea.**ACTION:** Approve the Royal Borough of Kensington and Chelsea's request to implement a food waste pilot on one estate in North Kensington for a period of 12 months, commencing June 2017.

1. The Royal Borough of Kensington and Chelsea has written to the Authority seeking to introduce a 12 month food waste pilot collection service in North Kensington, for 2,400 residents living on a large estate. The proposed start date is 1st June 2017, which falls before the next planned Authority meeting on 28th June 2017.
2. At the meeting of the Authority on 22nd September 2010 (Paper No. WRWA 669A) Authority 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 Environmental Protection Act 1990, they must, as soon as reasonably practicable, notify the Authority in writing.
3. In a letter dated 11th March 2016, the General Manager asked Cory if they could confirm that all requests from the constituent councils to send food waste to Anaerobic Digestion would be approved as a general principle. Cory wrote back to the General Manager to confirm that "providing food waste is being separately collected from the General Waste (not extracted from the General Waste stream via third party sorting/processing) and on the basis that current research still shows that Anaerobic Digestion is environmentally superior to composting and other recovery options (including Energy from Waste) Cory Environmental would support this in principle". Cory has also requested detail on any such proposals and the scale and timeframes so they can plan in advance for any lost tonnage at the Belvedere Energy from Waste Facility. The Deputy General Manager wrote to Cory again on 5th April 2017, provided the detail of the Royal Borough's proposals and asked for confirmation of Cory's agreement to the proposed pilot. Cory wrote back on 7th April 2017 to confirm agreement, but restated the stipulations detailed in paragraph 3.
4. The proposed food waste collection pilot, for 2,400 residents living on a larger estate in North Kensington, will consist of a weekly, door-to-door collection, with residents using a seven litre caddy to store food waste. The caddy will be placed out by the residents and will be emptied by a collection crew into a 240 litre wheelie bin that will be emptied into a designated vehicle using a bin lift

mechanism. There will also be a 45 litre caddy located near the bin chute or on the floor landing to deal with any overflow.

5. The Royal Borough's waste and recycling collection contractor, SUEZ, have conducted a detailed review of estates in North Kensington and identified 56 suitable blocks which could be used for the pilot. These blocks have lifts which go to each floor, wide corridors/landings so the bins do not cause obstructions, and have access for the collection vehicles.
 6. The food waste will be delivered to Grondon's Anaerobic Digestion facility in Slough. It is proposed that the pilot will run for 12 months. A full evaluation will take place after six months.
 7. The pilot will not involve the Authority in any additional cost and, as Cory has also confirmed its agreement, no contractual issues. It is therefore recommended that the Authority approves the Royal Borough of Kensington and Chelsea's request to implement a food waste pilot on one estate in North Kensington for a period of 12 months, commencing June 2017.
-

Officer acting under delegated authority.

General Manager

Certificate of the Treasurer that the expenditure involved can be met from adjustment within approved estimates:

.....Signature

Certificate of the Clerk that the action is consistent with the policy of the Authority and is a matter which may be dealt with under the provisions of Standing Order 38:

..... Signature

Certificate of the Deputy Chairman to having received this summary:

.....Signature

.....Date