ITEM 6

Paper No. WRWA 20-11

WESTERN RIVERSIDE WASTE AUTHORITY

MEETING	30th June 2020
REPORT AUTHOR/DATE	General Manager *(Contact Mark Broxup - Tel. 020 8871 2788)* 22nd January 2020
SUBJECT	A Report outlining progress with operations and other matters since the previous meeting of the Authority.
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STATUS	Open
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 the 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 and summarised at the end. The specific matters covered in this report are:-

    a) Operations
    b) Impact of Covid-19 and Response
    c) Performance Monitoring
    d) Recovered Paper Market
    e) Procurement Update
    f) Household Hazardous Waste Collection Service
    g) Authority Wide Waste Composition Survey Results 2020
    h) WRWA communications Letter to LW&RB
    i) Recycle Western Riverside (RWR) 2019/20 – Final Progress Report
    j) Education Programme Progress Report to 16 March 2020.
    k) Constituent Council New Recycling Initiatives
    l) Riverside Energy Plant
    m) Consultation on the Plastic Packaging Tax: Policy Design
    n) B&Q site
    o) Members Strategy Forum
    p) The Clerk and the Treasurer
    q) Items costing between £5,000 and £30,000
    r) Recommendations

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 Authority meeting.

MRF Fire

3. On 9th June 2020, at approximately 2pm, a fire was detected in a mixed plastic storage compartment in the Materials Recycling Facility (**'MRF'**) and secondary fires were also identified on a conveyor belt that takes the residual element to the Transfer Station. The main fire was dealt with swiftly by sprinklers located directly

above the storage container, but the London Fire Brigade (LFB) attended with three fire engines and quickly dealt with the secondary fires. Borough vehicles were diverted to Cringle Dock. Following a clear up operation, the MRF was running normally within three hours. An investigation is underway to establish the cause of the fire.

COVID-19 – IMPACT OF COVID-19 ON THE AUTHORITY'S OPERATION AND SERVICES

WRWA Team

4. On 17th March 2020, a decision was taken to establish home working for all WRWA employees, following the Government's advice "to work from home if you can", and all the planned educational tours and visits were cancelled.

5. The majority of the Authority's IT systems were already in the cloud and home working has operated well and has been coupled with essential and planned working at the office and avoiding the use of public transport, where possible. Initially, only one officer was permitted to work in the office at any one time, but this was relaxed from 15th June 2020 following the production of a full risk assessment that safely allows three officers to socially distance in the office at any one time. Authority business, in the main, has been business as usual using Microsoft Teams to hold meetings with Borough Officers, Cory Riverside Energy (**'CRE'**), external parties and regular internal meetings. No Authority staff have been unduly affected by Covid-19.

6. The Education Team Leader left her post on 20th April 2020, to take up a new role with the Greater London Authority. Given the uncertainty surrounding the Covid-19 pandemic, a decision was taken not to recruit to this post for the foreseeable future. The Team Leader role is currently being carried out by the Executive Officer who is managing the three remaining Education Officers who are employed on a part-time, term-time only basis.

7. The Education Team's roles have been the most affected by the lockdown measures due to school closures and the cancellation of all tours and visits to the Education Centre at Smugglers Way.

8. From the start of the lockdown on 24th March 2020, the Team were deployed to produce Home Learning Resource Worksheets that supplement the national curriculum to aid WRWA's schools remote teaching programme. The home learning resources are based around Reduce, Reuse and Recycle and can be found on the Authority's website. An example of a Resource sheet is attached as Appendix A. The

Team have contacted schools in the WRWA area to highlight these resources. The resources have also been advertised on the London Learning at Home webpages, produced by London Councils, emphasising that they are particularly geared towards children in the WRWA area, i.e. they reference the Smugglers Way MRF, the barge operation and energy recovery via the EfW facility at Belvedere.

9. The Team are currently working on production of a remote education programme consisting of virtual tours of the operations at Smugglers Way, live streaming workshops, creating short videos of the MRF, transfer station, the barging operation and other key activities. The workshops are being designed to support teachers in class and will be shorter in duration to ensure the children's attention is held. They are liaising with teachers to help plan how they can best support them with their lesson plans.

10. From Autumn 2020, where possible, the outreach programme will be carried out in schools, but adapted to adopt social distancing measures. Risk Assessments will be produced to safeguard the Team.

11. It is still unclear as to a date when Adult MRF tours can resume. In the interim, the team are also working on producing virtual tours for adults and community groups and plan to develop live stream tours as soon as possible.

12. It is hoped that the reach of the education programme might be extended in the future using virtual technology, given that the population is now much more familiar with and accustomed to this medium following lockdown.

<u>Smugglers Way Household Waste and Recycling Centre</u>

13. Following an announcement by the Prime Minister concerning the introduction of "Lockdown" measures on 23rd March 2020, the Household Waste and Recycling Centre (HWRC) was closed with effect from 24th March 2020. The arrangement for pre-approved residents to deliver their household waste by van to either the Smugglers Way or Cringle Dock Transfer Station was also temporarily withdrawn.

14. The HWRC was reopened on Monday, 11th May 2020 following the government's relaxation of some lockdown measures and its request that HWRC's reopen, if it was safe to do so.

15. In anticipation of high demand and longer turnaround times due to social distancing measures, weekday opening hours were adjusted in order that residents queuing to

access the Centre did not obstruct borough refuse collection vehicles delivering waste and recycling to the Transfer Station. The weekday opening hours were changed from 9am to 4pm to 2pm to 8pm. An alternating Odd and Even registration number plate system was introduced to control the number of vehicles arriving on any one day. Residents were also asked to deliver green garden waste or bagged rubbish only.

16. Priority was given to social distancing so two in every three bays were cordoned off to help keep residents separate from each other and from staff. The new arrangement was communicated to residents via the Authority's website and social media sites including 'Nextdoor', a community based platform. Borough websites and social media also publicised the new weekday opening hours, the newly introduced social distancing measures and limitations on access and items received.

17. Signage was increased on-site to promote social distancing rules and the temporary opening hours were displayed at the entrance gate. Pavement signs were placed on Smugglers Way adverting the alternate Odd and Even car registration days and estimated waiting times.

18. The planned reopening was co-ordinated with Wandsworth's Technical Officer, who arranged liaison with TFL's traffic network team and the attendance of traffic wardens to deal with illegally parked cars on Smugglers Way. A contingency arrangement was put in place so that, if queuing on Smugglers Way impacted significantly on the traffic network, the Centre would be closed and the queuing residents would be asked to depart.

19. On the day of opening queues formed at 1:30pm and Cory took the decision to open earlier than advertised to reduce the queue on Smugglers Way. The queue remained in place on both sides of the entrance until approximately 4:30pm and the queues to the east of the gate generally lined back to the roundabout in Swandon Way. After 5pm the queue dissipated and only a small number of residents attended up until 8pm.

20. The pattern of activity remained constant during the adjusted weekday opening hours, including the number of residents complying with the Odds and Evens attendance, averaging around 75%.

21. Normal opening hours were in place at the weekend. The weekend activity was well below the usual number of visitors, when compared to the comparable days in May 2019.

22. These arrangements remained in place until Monday, 18th May 2020, when additional recycling materials bays were re-introduced and every other parking bay was opened. The weekend following this change saw an increase in demand, with constant queues being reported by CRE.

23. With effect from the May Day Bank holiday, during half-term week, all the recycling material bays were reintroduced and normal weekday opening hours resumed. There was a significant increase in usage during this week and, on 29th May 2020, a decision was taken to re-open all the parking bays coupled with additional measures to control social distancing. Residents are now required to reverse into a parking bay and only the driver is allowed to exit the vehicle so all residents are separated from each other by their car. Separate measures were put in place for those visitors who needed a passenger to assist in carrying a heavy item.

24. Opening up all the parking bays dramatically reduced the turnaround times and the exceptionally heavy demand dissipated after the half-term week. Residents are generally following the social distancing rules, but operations remain under review.

Booking Systems

25. Some waste disposal authorities and unitary councils introduced booking systems to control usage when reopening their HWRC's. Several were successful, whilst others found the booking system an administrative burden in terms of staff resources.

26. There are several likely advantages of operating a booking system, such as reducing queues and increasing overall throughput by controlling the number of residents attending at any one time and monitoring the amount of non-household waste. Should the Authority introduce a booking system, consideration would need to be given to a method to capture residents who have not booked and are refused access, other than requiring them to reverse onto Smugglers Way. Officers propose to investigate the feasibility of operating a booking system and will report back to a future meeting of the Authority.

Public Feedback

27. Public feedback on social media was generally very positive. There were a small number of comments posted about the lack of enforcement of the Odd and Even registration number system, but this was only ever intended to be a voluntary compliance measure to reduce queues and congestion, as neither CRE nor Authority staff are legally able to enforce traffic measures off site and there is currently no practical way off removing a vehicle from the queue onsite.

28. In the main, over 75% of residents complied with the Odds and Evens request and nearly all residents have showed patience whilst queuing and have been courteous and showed appreciation to the HWRC staff for their efforts.

CRE staff

29. There has been limited impact on the services provided by CRE. This is due largely to CRE employees and subcontractors staff self-isolating, when required. There have been no fatalities.

Borough Tonnages

30. Overall, the total tonnage of General Waste has fallen due to the constituent councils collecting less commercial waste, as most businesses have been required to close due to lockdown. However, there has been a significant increase in the tonnage of household General Waste collected due to the enforced lockdown with most households staying at home. It is estimated that the increase in household waste could be as much as 20% to date, which will represent an additional and unplanned cost to the constituent councils.

31. There are some significant variances in tonnages across the four boroughs. Kensington and Chelsea's residual waste has decreased by 28% over the lockdown period, but the other three boroughs' residual tonnages have decreased by only 5%. Kensington and Chelsea's co-mingled recycling also went down by 31%, but the other three boroughs increased by 8%. It seems that Kensington and Chelsea tonnages have been affected the greatest by the temporary closure of businesses.

PERFORMANCE MONITORING

Introduction

32. Detailed performance monitoring is shown in Appendix C to this report. The tables shown set out:

    a. the tonnages of each waste type (including co-mingled recycling contamination) delivered by each constituent council in the current financial year to date, together with projected outturn tonnages, compared against those budgeted for and the previous financial year's outturn;

b. the projected annual cost for each commodity, compared to what these would be if the Authority's budgeted tonnage of each commodity was received;

c. forecast tonnages for future years, adjusted simply by the number of working days in each year; the major waste type and co-mingled contamination tonnages are also shown on a monthly as well as an annual basis;

d. comparisons of the tonnage of each major waste type handled by each constituent council on an annual basis;

e. comparisons by borough of the tonnages of Local Authority Collected Waste (LACW), household and non-household waste, household waste arisings per dwelling and per person; and

f. weight-based recycling performance on a household and LACW basis.

Points to Highlight

33. Whilst General Waste (the residual waste that cannot be reused or recycled and is sent for energy recovery) accounts for around 79% of the delivered waste stream, it accounts for almost 94% of the Authority's waste disposal costs after allowing for the treatment of the contamination within the co-mingled recycling. By comparison co-mingled recycling represents 18% of the delivered tonnage, but only accounts for 4% of the Authority's costs.

34. The outturn figure for General Waste for 2019/20 was 2.4% less when compared to 2018/19. The outturn figure 2019/20 for Co-Mingled material was 0.35% more than 2018/19.

35. From tonnage data to date we are predicting a 0.6% reduction in total waste handled by the Authority in 2020/21 from that budgeted for and a 1.1% increase in General Waste. All the predictions are only based on the actual tonnage up until 31st May 2020, and are distorted due to the impact on Covid-19 on the tonnages during these two months.

36. Predicting waste trends going forward will be difficult with the potential for further easing on lockdown and the possible reinstatement of lockdown rules if there is a second peak of Covid-19.

37. For example, two months into the current financial year predicts that the General Waste for 2020/21 at the Household Waste and Recycling Centre will have a dramatic decrease of 75.7% which is because of the closure of the facility in April and part of May due to the lockdown.

RECOVERED PAPER MARKET

38. At the last Authority meeting it was reported that the recovered paper market was undergoing a 'ten-year low' in terms of prices and that the situation was expected to remain challenging for six to nine months, due to insufficient capacity in the UK to take all the material currently being produced. It was also highlighted that paper mills had started to limit what material they will accept, which has seen some bales of material produced by the MRF rejected on quality grounds, when previously they would have been accepted.

39. As a result, Cory Riverside Energy ("CRE") experienced difficulties in finding reputable reprocessors for the lowest "Mixed Paper" grade and it proved necessary for CRE to send bales of "Mixed Paper" to energy recovery. It is anticipated that further tonnages may need to be sent for energy recovery in 2020. However, at present only 29 tonnes of baled "Mixed Paper" has been sent to energy recovery in February 2020.

40. Cory adapted the sorting process in the MRF in order to extract higher quantities of Newspaper and Magazines and Cardboard, thereby reducing the amount of Mixed Paper produced. This is resource intensive as it requires a slower MRF running speed and also requires additional sorters to do additional quality sorting. This produces an improved Mixed Paper product and markets have been maintained for the higher grades and indeed off-takers were also secured for the Mixed Paper grade in March and April, albeit at a cost. However, as the impact of Covid-19 emerged, there was a temporary increase in prices being paid for Mixed Paper in May and early June.

41. This increase is likely to be short-lived as it is thought to be due to the lack of paper and cardboard being collected from restaurants, offices and other closed commercial premises and paper mills wanting to stock up on fibre in case of a second wave of Covid-19 panic buying of paper products. CRE feel confident that for the immediate future they will be able to find off-takers for the Mixed Paper, but it is likely to have a gate fee cost.

42. At the last Authority meeting Members instructed officers to arrange a meeting between Technical Officers and representatives from CRE to try to collaboratively

identify what input and output quality improvements might be achievable in the short, medium and longer term and report back to the next meeting of the Authority.

43. On 27th February 2020, a workshop was held with all the parties concerned and presentations were given by CRE, Authority officers and Borough officers. A number of Action Plans were agreed and a second meeting was due take place in May 2020. This was postponed due to other priorities relating to the impact of Covid-19. A second meeting is now planned to take place later in 2020.

PROCUREMENT UPDATE

44. At the Authority meeting on 11th July 2019, Members approved the procurement process for a number of support services. The following procurement exercises have been completed and the following contracts have been awarded.

Audit of Annual Supply and Generation of Electricity and/or Heat Tender

45. In February 2020, AFRY (formally known as Pöyry) were appointed to carry out the annual audits of the supply and generation of electricity and/or heat. AFRY is the new common brand resulting from the merger between ÅF (originally, Aktiebolaget Ångpanneföreningen (The Steam-Boiler Association) and Pöyry. Pöyry was the Authority's previous consultant. The audit for financial year 2019/20 commenced in May 2020. The contract has been established for a five year period.

IT Support Services

46. In March 2020, Choice Computing Ltd was reappointed for a term of five years.

Public Relations and Crisis Management

47. In May 2020, London Communications Ltd was appointed to provide Public Relations and Crisis Management support. A contract has been awarded for a five year period.

Carbon Measurement Work

48. In May 2020, Wood PLC were appointed to carry out this piece of work and the project commenced with the data gathering process at the beginning of June. It is planned to have this project completed by November 2020.

HOUSEHOLD HAZARDOUS WASTE COLLECTION SERVICE

49. The City of London Corporation (CoL) operates a London-wide Household Hazardous Waste Collection and Disposal Service (HHWCDS) for the majority of London Councils and the Authority manages this contract on behalf of the constituent councils.

50. In May 2019, the CoL wrote to the Authority requesting agreement, in principle, for the City to continue to administer HHWCDS and give permission for the CoL to seek tenders for the provision of this service post 1st October 2020. Following consultation with the Technical Officers the Authority confirmed its agreement.

51. The CoL wrote to the Authority on 5th May 2020, attached as Appendix D to this report, formally seeking the Authority's agreement for the CoL to operate the service for a further five years with effect from 1st October 2020. Members are requested to authorise the signing of the agreement by the General Manager and the acceptance of the Terms and Conditions detailed.

AUTHORITY WIDE WASTE COMPOSITION SURVEY RESULTS

52. At the Authority meeting on 11th July 2019 (Paper No. WRWA 850), Members approved the procurement of an Authority-wide waste composition survey to be carried out every 15 months. This would incorporate seasonal differences, providing four seasonal variations over five years.

53. Following a procurement exercise MEL was appointed and the first survey was carried out in January 2020.

54. The survey work commenced on 20th January 2020 for a period of one week and the sampling regime involved the direct collection and compositional analysis of waste from a target of 150 properties from each of the four Boroughs. 75 properties were surveyed twice in Kensington and Chelsea, where there are two collections per week.

55. The survey results report has been distributed to Technical Officers and the full report can be made available to Members, on request. The headline results are as follows:

Kerbside residual waste

- Households placed out an average of 6.95kg per household (hh) per week (wk) of residual waste.
- Food waste was the major component of residual waste, forming 38.2% of the total.
- Paper items made up 9.7% of the residual waste; 29% of this could have been recycled.
- Card and cardboard made up around 3.3% of collected residual waste; of this 72.5 % could have been recycled.
- Plastics formed 14.3% of the residual waste; of this 32.1% could have been recycled.
- 2.8% of residual waste was metallic; 45% of this could have been recycled.
- 4.5% of residual waste was glass; 83% of this could have been recycled.
- 2.6% of residual waste was compostable garden waste.
- Overall, 16.0% of collected residual waste could have been placed into the mixed recycling.
- 16.6% of collected residual waste could have been placed into the food recycling bins by those households which have this service

Comingled Recycling

- All kerbside households were setting out an average of 4.6kg/hh/wk of mixed recycling.
- Overall, 17.7% of all recycling waste collected from all properties was classified as contamination.
- 28% of contamination was due to non-recyclable plastics; 23% was non-recyclable paper and card and 21% was food waste.
- Around 83% of recyclable paper and 80% of recyclable card was correctly captured
- 71% of plastic bottles were recycled along with 44% of plastic containers.
- 61% of recyclable tins and cans were recycled along with 83% of glass bottles and jars.

Food Recycling

- Participating Lambeth residents set out 6.4kg/hh/wk of food recycling and Kensington and Chelsea households presented 1.5kg/hh/wk.
- 2% of collected food waste was deemed contamination with most being plastic bags.
- 67% of Lambeth food waste and 44% from Kensington and Chelsea food waste was correctly captured using the supplied container.

56. The next planned Waste Composition Survey is due to take place in April 2021.

WRWA COMMUNICATIONS

57. At the last Authority meeting Members agreed that the Chairman should write to the London Waste and Recycling Board, requesting that it introduce a London-wide waste reduction communications campaign. A copy of the Letter sent is attached as Appendix E for Members' information. At the time of writing no response has been received.

RECYCLE WESTERN RIVERSIDE (RWR) 2019/20 – FINAL PROGRESS REPORT

End of the Line for Waste

58. Adverts for buses that mainly travel in the Authority's area were prepared in January 2020, ready for installation during week commencing 3rd February 2020, for four weeks. The adverts consisted of 78 external side panel adverts and 200 internal bus adverts.

59. Face to face engagement events were carried out in February and March, but due to the Covid-19 pandemic planned events in Lambeth were cancelled. The following events took place:

- **Hammersmith and Fulham**

  West 12 Shopping Centre, Shepherds Bush – approximately 560 quality engagements with 450 reusable bags and leaflets handed out.

- **Wandsworth**

  Southside Shopping Centre - over 600 quality engagements – 550 bags and leaflets handed out.

  Wandsworth Town Station - around 100 quality engagements - 50 bags and leaflets handed out.

- **Kensington and Chelsea**

  Outside Kensington Town Hall, Kensington Central Library and Kings Road.

- **Lambeth**

  March events had been planned for Oval Farmers Market, Herne Hill Market and Barnardo's Brixton. These events have been cancelled.

What Happens to Your Recycling – A Recycling Campaign

60. At the last Authority meeting it was reported that two short videos, one to support the 'What Happens to your Recycling' campaign and the second to support the Schools programme, were being produced. The 'What Happens to your Recycling' video is now on the Authority's website. The schools video is in production, but has been delayed as filming, scheduled to take place in a Lambeth school on 19th March 2020, was cancelled as a result of the Covid-19 pandemic. The filming will take place as the earliest opportunity.

EDUCATION PROGRAMME PROGRESS REPORT

61. The table below shows the breakdown of visits, by borough, for the school year 2019/20. The last School visit to the Smugglers Way Education Centre was on 3rd March 2020 and the last in-school visit was on 13th March 2020.

62. Wandsworth schools still make up a slightly larger proportion of visits to Smugglers Way, which is probably due to proximity. However, in terms of the proportion of schools the Education Team has engaged with overall, the distribution is on a par for Hammersmith and Fulham, Lambeth and Wandsworth, but is significantly lower for Kensington and Chelsea. Officers will work to address this in the 2020/21 academic year.

	Smugglers Way tours		In-school visits	
Borough	No. of schools	No of tours	No. of schools	No. of Workshops or Assemblies
H&F	12	21	15	37
K and C	4	5	7	23
Lambeth	12	20	10	47
Wandsworth	15	24	13	36
TOTAL	43	70	45	143

63. From the beginning of the Autumn term and up until 13th March 2020, the Education team has spent 41 days in school, carrying out 126 workshops and 17 assemblies.

64. The Education Team have provided regular daytime and evening MRF tours since September 2019, as well as two Saturday Open days in October 2019 and January 2020. They have engaged with 171 adults in total. The number of requests for adult visits remained steady.

CONSTITUENT COUNCIL RECYCLING INTIATIVES

65. 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.

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

RIVERSIDE ENERGY PARK (REP)

67. On 9th April 2020, the Planning Inspectorate, overseen by the Secretary of State for Business, Energy and Industrial Strategy, Alok Sharma, approved Cory's plans for a REP alongside the existing Energy from Waste plant in Bexley.

68. The Mayor of London, Sadiq Khan, is contesting the Secretary of State's decision and has requested the courts for permission for a judicial review. The courts' decision is not known at the time of writing.

CONSULTATION ON THE PLASTIC PACKAGING TAX: POLICY DESIGN

Introduction

69. This consultation was published on 11th March 2020 and the Government has extended the closing date until 20th August 2020.

70. In Budget 2020, the Government announced key decisions it has taken for the design of the Plastic Packaging Tax in light of stakeholder responses to a previous consultation in 2019. A Plastic Packaging Tax of £200 per tonne will, from April 2022, apply to plastic packaging manufactured in, or imported into, the UK containing less than 30% recycled plastic. The Government is asking for views on areas of the tax design to ensure it best meets the Government's environmental objectives, while placing only proportionate burdens on business.

71. The Government is seeking to refine its assessment of the impact of Plastic Packaging Tax, but is consulting specifically on:

    a) the scope of the tax;
    b) liability for the tax;
    c) excluding small operators (de minimis);
    d) evidence requirements;
    e) exports; and
    f) registration, returns and enforcement;

72. The Authority is asked to approve the draft responses to the three questions within the consultation, of thirty-five in total, on which the Authority has some working knowledge.

The Scope of the Tax

73. This chapter sets out the Government's updated proposals on how to define key terms that will be used in the tax, as well as the scope of the tax and whether it is feasible to create a limited exemption for some of the plastic packaging used for licensed human medicines.

74. The Government is proposing to use the following definition which will narrow 'natural polymer' exceptions to those which are 'cellulose-based' to avoid instances of novel plastics or blends being developed to avoid the tax:

> *'plastic' means a material consisting of a polymer within the meaning of Article 3(5) of Regulation (EC) No 1907/2006, to which additives or other substances may have been added, with the exception of cellulose-based polymers that have not been chemically modified"*

75. The revised definition also removes part of the original definition which stated "…and which can function as a main structural component of final products…". This is because there can be types of packaging where plastic may not be the main structural component, but it is still the predominant material by weight, i.e. plastic is the single largest component by weight in a mixed-material item (see paragraph 3.8 below). In these cases, the packaging will be considered plastic for the purposes of the tax.

Question 1

Do you agree with the revised definition of plastic, which removes the 'main structural component' test and limits the exclusion to 'cellulose-based' polymers? Please outline your reasoning.

Proposed Answer

The Authority is concerned with the proposal to exclude cellulose base polymers:

- *as it may incentivise their use to simply avoid falling within the government's proposed Deposit Return Scheme;*
- *their production may require agricultural land to be transferred from food production;*
- *as highlighted in the recent Waste Resources Action Programme (WRAP) report "Considerations for Compostable Plastic Packaging" the organics recycling infrastructure not being set up to treat compostable plastics and it is difficult to distinguish between compostable plastics and conventional plastics to exclude the latter or remove it during treatment. Conventional plastics contaminating the resultant compost and digestate is a very real risk to the ongoing application of these materials to agricultural land - particularly in light of growing concerns around the negative impacts of microplastics;*

- *there is a similar risk of cellulose plastics contaminating traditional plastic recycling mechanisms.*

However, if cellulose plastics end up in the residual waste stream it is recognised that, as it is bio-based, if the residual waste goes to energy recovery the net CO2 e emissions are likely to be less than for conventional plastic but, if the residual waste goes to landfill, the cellulose based plastic will generate methane.

The government therefore needs to provide a full life cycle assessment of these materials and detail how its proposed Extended Producer Responsibility and Deposit Return Schemes, together with future changes in composting infrastructure, packaging design and labelling will overcome the current challenges outlined.

76. The (Packaging Waste) Regulations 2007 do not extend to packaging-type products that do not fulfil their function as packaging before they are sold directly to end consumers for their use. For example, they capture the packaging around a roll of cling-film on a supermarket shelf but not the cling-film itself. The government welcomes views on diverging from this position so that these items come within the scope of the tax because they contribute to the environmental harm which the tax will address. This approach should also be simpler for businesses to administer as it will not always be known at the point the tax is due where in the supply chain the item will be used as packaging. The government does not intend to capture items which are designed for longer term and likely repeated storage by consumers, such as plastic storage boxes, within its definition of packaging and welcomes views on this, particularly any other examples of packaging-type items which stakeholders would view as 'storage' rather than packaging.

Question 2
Do you agree that packaging-type products that do not fulfil a packaging function until they are used by the end consumer should be included in the tax unless they are for longer term storage? Please outline your reasoning.

Proposed Answer

The Authority agrees that the tax should be extended to these sorts of items unless they are being used for long term storage purposes rather than packaging.

77. In the Tax Impact assessment, the government says that:

"the rationale of this tax aims to increase the use of recycled content in plastic packaging and it is anticipated that as a result of the tax there will be a significant increase in the amount of plastic packaging with greater than 30% recycled plastic. Recycled plastic has a carbon footprint than can be up to four times lower than that of virgin plastic. The policy may also help to divert plastics from landfill or incineration, and drive recycling technologies within the UK."

Question 35

Do you have any comments on the assessment of equality and other impacts in the Tax Impact Assessment?

Proposed Answer

Whilst the Authority agrees that the tax should increase the amount of plastic packaging with a recycled content greater than 30%, it is not clear how or why this will help divert plastics from landfill or incineration or drive recycling technologies within the UK.

It is the government's introduction of an Extended Producer Responsibility (EPR) and a Deposit Return Scheme (DSR) that will reduce residual waste levels. The EPR will incentivise industry to reduce packaging and increase its recyclability whilst the DRS will incentivise the consumer to do the right thing with their packaging post use. However, it is essential that a detailed life cycle analysis is carried out on alternative packaging materials, such as cellulose based plastics, to ensure that the tax does not (unintentionally) incentivise an overall sub-optimum environmental outcome.

Industry will source plastic packaging, with or without 30% recycled content, from the suppliers that offer best value overall, not simply on a geographical location. It is therefore difficult to see how the tax itself will "drive recycling technologies within the UK" The EPR can do that by making retailers/brands also responsible for recycling their packaging material post use by the consumer use. In that instance if retailers/brands cannot find international markets for material they may need to invest in UK production facilities.

B&Q SITE

78. The B&Q DIY superstore closed on 12th October 2019 and works began shortly after closure to clear the site in preparation for the construction of the planned mixed-use development.

79. On 23rd April 2020, Wandsworth's Planning Applications Committee approved variations to the existing planning consent granted in 2019. The variations reduce the amount of commercial space, increase the number of residential units and improve the public amenity areas with facilities, including a swimming pool.

MEMBERS ANNUAL FORUM

80. At the Authority meeting on 28th September 2016 (Paper No. WRWA 813), 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.

81. A four year cycle of visits and special events was also discussed. The cycle is as follows:-

    a) EfW Visit - 2018
    b) MRF Visit - 2019
    c) Transfer Station Visit - 2020
    d) Hot Topic Presentation – 2021

82. Given the current situation with Covid-19 officers will consult with the Chairman on how a Transfer Station visit might best be structured, or even carried out virtually.

THE CLERK AND THE TREASURER

83. The Authority resolved at its meeting in November 2018 (Paper No. WRWA 866) to approve that the employment of the Clerk (Mr Walker) and Treasurer (Mr Buss) be extended until 31st March 2021, subject to three months' notice of termination on either side, with a further review to be carried out in the Autumn of 2020 and it was also agreed that the General Manager should prepare an option paper for the July 2019 meeting of the Authority (Paper No. WRWA 883). The Authority then instructed officers to consult in due course with the constituent councils on their willingness to supply the Authority with senior officers and/or to provide it with financial and administrative functions with a view to providing a further options report to the Authority in the autumn 2020.

84. On 19th February 2020, the Clerk wrote identical letters to each Constituent Council Chief Executive (the Wandsworth copy is attached as Appendix F). Paul Martin, Wandsworth's Chief Executive, responded requesting a meeting with Authority

officers but then Covid-19 matters obviously became a priority for all Chief Executives.

85. A virtual meeting with Wandsworth took place on 30th April 2020 and Paul Martin then offered to contact the other three Chief Executives directly and a virtual meeting took place on 28th May 2020 (without Authority officers present). The feedback received from this meeting was as follows:

86. None of the Chief Executives felt able to take on the role of Clerk themselves and none was able to offer another current post holder. Hammersmith and Fulham have expressed an interest but are unable, at this time, to suggest an individual.

87. Wandsworth was prepared to continue providing financial support to the Authority, as it does currently, but additionally it might be prepared to offer a senior finance officer as Treasurer if necessary.

88. Mr Walker has now indicated his wish to step down from the role of Clerk from 31st March 2021, but Mr Buss has agreed to stay on as Treasurer until the closure and audit of the 2021/22 accounts if the Authority so wishes.

89. A new options paper will therefore be produced for the next Authority meeting in September 2020.

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

90. The following items of expenditure have 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	£15,683
Zurich Municipal – Insurance, all risks and other	£22,005

COMMENTS OF THE TREASURER

91. The items outlined in this paper have been met from within existing approved Authority budgets. The impact of Covid 19 has been small on the general running costs of the Authority to date. As outlined in the outturn report elsewhere on this agenda, refunds provided to the boroughs (calculated on a daily rate) during the

closure of the HWRC site totalled £43,000. Boroughs will need to make their own assumptions in relation to the increased General waste tonnages experienced so far in 2020/21. The General Manager has been providing regular information to Technical officers to assist. The increase in tonnage at the HWDC is at present expected to be met from within existing approved budgets but will continue to be monitored and drawn from reserves if necessary.

92. The RWR programme underspent budget in 2019/20 by £47,000 and the outturn report requests a carry forward of £6,000 of this underspend to fund the What Happens to Your Recycling schools video as outlined in paragraph 60 above.

RECOMMENDATIONS

93. It is recommended that the Authority approve:

a) the signing of the agreement by the General Manager and the acceptance of the Terms and Conditions, as detailed in paragraph 51 above;

b) the draft responses to the three questions within the consultation, of thirty-five in total, on which the Authority has some working knowledge as described in paragraphs 73 to 77 above; and

c) to otherwise receive this report as information.

M. Broxup
GENERAL MANAGER

Western Riverside Administration Office
Smugglers Way
Wandsworth
SW18 1JS

22nd June 2020

Reducing Waste KS1

Wasting less in the first place

Have you heard of the 3Rs?



We should think about the 3Rs, every time we go to throw something away.

Too much waste can be bad for our planet. There is so much rubbish around the world that it often spills out into nature, into our rivers and oceans.



However, if we use the 3Rs we can help look after our planet.

Appendix A

Reduce, reuse, recycle

Today, let's look at **Reduce**

It's the first of the 3Rs because it's the best.
Reduce means to make something smaller, so when we say Reducing our waste, we mean: making less rubbish, throwing less away.

Why is it important?

Every material has come from somewhere in nature. The metal cans and tins had to be mined out of the ground, and the paper & cardboard all came from trees!

Did you know paper was made from trees?



So if we want paper, we have to chop down a tree to make it. But we don't want to chop down too many trees, because trees are so important. They give us oxygen, they give us fruit, and they are the homes to many animals. This is why we Reduce.



Reduce, reuse, recycle

In order to Reduce our waste, we can ask ourselves the following questions:

Do I need this?

Getting new things can be fun, but do we really need it? We don't want to take too much.





Does it have to be new?

If we definitely do need some-thing, does it need to be new? Or could we get a cool second hand one, from the charity shop or on eBay.

Could I bring my own?

When we go out, can we bring our own drink and snack? We can take them in our own reusable bottles & lunchboxes, so we don't have to buy new ones.



Appendix A

Reduce, reuse, recycle

Could it be fixed?

When something is broken, can it be fixed instead of just thrown away?

If we can't fix it, maybe someone else can. There are lots of people who are very good at fixing things.



Could I save this for later?

We throw lots of food away, and we don't want food to go in the bin. If we finish our meals, there's none to throw away. We could also save our leftovers by putting them in the fridge or a lunchbox to eat later.

For full tips on how to tackle Food Waste, see our worksheet here: https://wrwa.gov.uk/wp-content/uploads/2020/04/WRWASchoolsFoodWasteKS2.pdf



And finally,

Would someone else like it?

As well as shopping at the charity shop, we can also take the clothes, books, and toys we no longer need to them as well. This is called 'donating.'



Reduce, reuse, recycle

Together, if we can Reduce our own waste in these small ways, it all adds up to make a huge difference.



Activity: Shopping list

One of the reasons things go to waste is that we buy too much, or things we don't need. One way to help prevent this, is to make a shopping list?

Who does the shopping in your house? For the next time they go, can you help them make a shopping list that they can stick to? Shopping lists are a great way to stop us buying things we don't need.



Can we Reduce our waste?

Before I buy or take something new:

Do I need this?

Does it have to be new?

Instead of buying snacks & drinks:

Could I bring my own?

Before I throw something away:

Can it be fixed?

Can I save it for later?

Would someone else like it?

Western Riverside Waste Authority

Household Waste and Recycling Centres - Re-Opening Plan

Final - 5th May 2020

INTRODUCTION

The Western Riverside Waste Authority (**WRWA**) operates two Household Waste and Recycling Centres one at Smugglers Way and the other at Cringle Dock. They receive waste from residents in the Authority's four constituent councils (London Boroughs of Hammersmith & Fulham, Lambeth and Wandsworth and the Royal Borough of Kensington and Chelsea) and Westminster City Council.

Cringle Dock only receives waste or recycling from residents arriving in a van, while Smugglers Way receives waste, recycling and reusable items from residents arriving in a van or a car (albeit on different parts of the site).

CLOSURE

The sites closed on Tuesday 24th March 2020 following the Prime Minister's introduction of 'Lockdown' on the afternoon of 23rd March 2020.

RE-OPENING

On the basis of new non-statutory Guidance published today, 5th May 2020, by the Department for Environment, Food and Rural Affairs (DEFRA) officers are recommending that the sites **reopen from Monday 11th May 2020** in accordance with the detail set out in this note.

GUIDANCE

The DEFRA Guidance includes the following statements:

- *The Coronavirus Act (2020) provides the legislative framework and is supported by government guidance including that on stay at home and social distancing. It would be reasonable for residents to undertake a journey to a HWRC if the waste or recycling could not be stored safely at home or disposed of through other legitimate routes such as a dedicated collection. By this we mean that the waste/recycling could not be stored on their property without causing a risk of injury, health or harm to the resident or other members of their household or harm to public health and amenity.*

- *We recognise many local authorities closed HWRCs because it was considered that journeys to them could not be justified alongside "stay at home" advice, however, the law does not require HWRCs to close.*

- *Staff working at HWRCs should not be expected to determine if visitors to the HWRCs:*
  - *are making a legitimate journey*
  - *are bringing items that can or cannot be stored safely at home*

  The police cannot assess what is or is not a legitimate trip to a HWRC, and they will be unable to assist in this respect.

The Guidance also says that Plans to reopen should include discussions with the local police force (about your arrangements for local or site traffic management) and the General Manager emailed the Metropolitan Police's South West Basic Command Unit (BCU) Commander to ask if Metropolitan

Police would have any concerns that the Authority ought to take into consideration when it makes its decision on re-opening. The South West BCU covers Wandsworth where the sites are located.

A response was received basically giving the following directions:

- *there needs to be sufficient staff, stewards or traffic marshals to deal if there is a massive demand.*

- *Police will respond if there is crime committed, but the council have clear responsibilities here and police will not be getting involved in the management of traffic etc. that is caused by the organiser (i.e. local authorities) opening premises.*

Authority officers are in contact with Wandsworth Council, and via them Transport for London, with respect to the potential impact of any queues on Smugglers Way and Swandon Way.

RE-OPENING PROCEDURES

Cory Riverside Energy (CRE), the Authority's contractor has carried out a risk assessment and put in place arrangements to manage the process as safely and efficiently as possible and operational guidance co-ordinated by the National Association of Waste Disposal Officers (NAWDO) was consulted.

For simplicity it is easier to break the service down into the three ways in which waste is received: i.e. by van, by car and from pedestrians/cyclists. This note is focussed on the public. CRE will take additional measures to protect their staff as will Groundwork when the "Re-Work" element of the service restarts in the future.

Vans

Existing System - residents coming in vans have to pre-register via the WRWA website (or they can phone their Council who input the residents details for them onto the same database). Only Garden Waste and waste that you might normally put into a removal van are accepted FOC.

Residents tip in the same place as trade vans and they are advised to wear stout shoes and are **REQUIRED** to wear a Hi-Viz jacket. Traders without Hi-Viz (rare) are sold one by Cory. Members of the public without Hi-Viz (most) are lent one by Cory.

New System for Vans

The practice of lending Hi-Viz vest will need to stop.

Cory will sell Hi-Viz vests to members of the public, while stocks last.

WRWA website will be amended to say that in addition to stout footwear, residents are also advised to wear gloves and must bring/buy their own Hi-Viz vest/jacket and without the latter they will not be able to use the facilities. The confirmatory email will also relay these messages.

Borough Call Centres will need to emphasis this as well.

CARS

This is obviously how most residents use the HWRC facilities at Smugglers Way. Demand is always high, particularly at weekends. **Across the week as a whole a car arrives on average every 25 seconds the site is open.** At weekends, particularly from 11am onwards, the rate of arrival is much

higher and on Bank Holidays queues can develop along Smugglers Way and onto Swandon Way and the Wandsworth Roundabout which are part of the Red Route system.

The primary concerns around reopening are:

- queues – which could affect borough dustcarts entering the main Transfer Station and cause highway problems generally. It is anticipated that this will be a greater problem for a period following the lifting of 'Lockdown';
- social distancing on site;
- metal surfaces

Existing System – residents arrive when they wish between the following opening hours:

Mon-Fri	9.00am to 4.00pm
Sat	8.00am to 6.00pm
Sun	8.00am to 5.00pm

Residents drive to a free parking bay and then walk freely between different containers depositing their waste and recycling.

New System

To address queuing and spread deliveries:

From the time the HWRC reopens until the Monday following the 2nd Weekend (could be earlier or later depending on ongoing review of service), alternate daily on the following basis

- Vehicles with 'even' registration number plates based on 2nd digit e.g. XX52 XXX to match even days of the month e.g. 10th, 12th etc.

- Vehicles with 'odd' registration number plates based on 2nd digit e.g. XX03 XXX plus any other 'strange' number plates e.g. old UK style, foreign, personalised etc. to match odd days of the month e.g. 11th, 13th etc.

- On weekdays HWRC to open at 2pm until 8pm to allow borough vehicles easier access in the morning. Weekend hours will remain as normal.

- After 2pm on weekdays and all day Saturday and Sunday, Borough Co-Mingled and General Waste to go to Cringle. (Co-Mingled will be transferred back to the MRF).

The system would need to be well advertised (see communications below) but it would even out the post lockdown peak (a concept the public should now be well aware of). To avoid confrontation, residents arriving on the wrong day won't actually be turned away by HWRC staff but A Frame notices will be put up in Smugglers Way. This system may also assist the police if there are highway queues. Wandsworth Council also hope to assist with signage and enforcement on the highway.

Only every third car bay will be used (to match the 'jetty' arrangements) and a maximum of 2 people to get out of each car. Traffic cones will demarcate. Each car will therefore have its own 'jetty' serviced by two bins for BAGGED General Waste and Green Garden Waste. There will be no other recycling or re-use facilities provided. This is primarily designed to speed throughput but will also help maintain social distancing.

Metal Surfaces
Given the amount of metal surfaces it is practically impossible for HWRC to clean surfaces after each visitor. Visitors will therefore be advised to wear gloves (see communications). Cory will wipe down any obvious points periodically e.g. top handrail and smaller recycling container apertures.

From the Monday following the 2nd Weekend (could be earlier or later depending on ongoing review of service)

To address social distancing concerns:
After the initial period designed to address queuing, the system will continue to use alternate bays for the cars but otherwise the site will return to normal with more recycling and re-use facilities open but with pedestrian one-way systems as far as possible. Social distancing is now a much more practised and accepted concept following lockdown than it was before (e.g. arrangements in Supermarkets) and it is expected/hoped that the public will now self-enforce the concept but signage reminding people of its importance will be displayed.

Metal Surfaces – procedures will be followed as per initial period.

PEDESTRIANS/CYCLISTS

The system will remain as is but with social distancing marks on Smugglers Way and in the site as appropriate. The first bay will be made available to pedestrians for Bagged General Waste as most local housing is flats without Gardens.

COMMUNICATIONS

The following concepts will need to be CLEARLY AND WIDELY advertised FOR A PERIOD IN ADVANCE OF OPENING (dependent on when Lockdown is removed) - utilising borough websites and social media to link to the Authority's information.

- Only undertake a journey to a HWRC if your waste or recycling could not be stored on your property without causing a risk of injury, health or harm.
- Midweek Opening Time Changes.
- The alternate Odd and Even car registration days for a period.
- Only Bagged General and Garden Waste for a period – with handful of exceptions
- 2, 3 and 4 above to be portrayed as positive measures for public to ease queues.
- Only 1 in 3 bays used for social distancing purposes. Only max. 2 persons out of cars.
- Please wear gloves for your own and others safety as many metal surfaces.
- If coming by van you will need Hi-Viz.
- Check to see if your borough is operating a Bulky Waste Collection Service.

Ideally some of these basic messages will also be portrayed on a London Wide basis:

- The alternate Odd and Even car registration days for a period.
- Site will have a limited number of services available.
- Wear Gloves
- Observe social distancing rules
-

Hammersmith & Fulham | After 2 months of 2020/2021 = Forecast Figures | Printed 16/06/2020 13:16

Tonnage	2019/2020 Outturn	2020/2021 Budget	2020/2021 Forecast	Difference to Budget Tonnes	Difference to Budget Percentage	2020/2021 £/Tonne	Budget 2020/2021 Cost £	Projected 2020/2021 Cost £	Projected 2020/2021 Variance £
Batteries	1	1	1	- 0	-7%	60.00	40	38	- 3
Clinical Waste	18	19	15	- 4	-21.5%	709.00	13,169	10,344	- 2,825
Co-Mingled	11,703	11,543	12,371	828	7.2%	28.00	323,213	346,394	23,181
Detritus Waste	449	411	442	31	7.6%	81.50	33,462	36,001	2,539
Electricals	20	11	47	35	313.7%	53.00	598	2,475	1,877
Fridges	89	85	60	- 25	-29.5%	50.50	4,317	3,043	- 1,275
Gas Bottles	1	0	1	0	76.9%	134.50	46	82	36
General Waste	56,021	55,421	54,793	- 628	-1.1%	150.50	8,340,887	8,246,342	- 94,544
Carpet	-	-	-	-		150.00	-	-	-
Green Waste	83	4	87	84	2291.1%	100.00	365	8,725	8,360
Inert Waste	5	-	6	6		31.50	-	181	181
Paint & Oil	-	-	-	-		130.00	-	-	-
Paper & Cardboard	-	-	-	-		- 27.00	-	-	-
Scrap Metals	19	5	79	74	1425.1%	-	-	-	-
Textiles	-	-	-	-		- 209.50	-	-	-
Tyres	1	-	1	1		290.00	-	164	164
Wood	-	-	-	-		112.50	-	-	-
Grand Total	**68,410**	**67,500**	**67,901**	**401**	**0.6%**	**Sub-Total**	**8,716,098**	**8,653,789**	**- 62,310**
Contamination	1,594	1,555	1,336	- 219	-14.1%	150.50	234,028	201,015	- 33,012
						Grand Total	**8,950,126**	**8,854,804**	**- 95,322**

Forecast Tonnes	2021/2022	2022/2023	2023/2024
Batteries	1	1	1
Clinical Waste	15	15	14
Co-Mingled	12,371	12,371	12,273
Detritus Waste	442	442	438
Electricals	47	47	46
Fridges	60	60	60
Gas Bottles	1	1	1
General Waste	54,793	54,793	54,360
Carpet	-	-	-
Green Waste	87	87	87
Inert Waste	6	6	6
Paint & Oil	-	-	-
Paper & Cardboard	-	-	-
Scrap Metals	79	79	78
Textiles	-	-	-
Tyres	1	1	1
Wood	-	-	-
Grand Total	**67,901**	**67,901**	**67,364**
Contamination	1,336	1,336	1,325

Co-Mingled Contamination	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021
Apr	14.2%	11.6%	13.4%	13.8%	9.9%
May	12.1%	15.9%	13.0%	13.5%	11.7%
Jun	14.2%	12.1%	12.5%	14.5%	10.8%
Jul	11.0%	13.3%	15.8%	12.0%	10.8%
Aug	13.0%	17.1%	15.8%	16.4%	10.8%
Sep	12.9%	11.5%	16.6%	13.3%	10.8%
Oct	13.5%	15.1%	19.3%	10.7%	10.8%
Nov	16.0%	13.5%	15.3%	14.4%	10.8%
Dec	18.5%	16.8%	18.7%	12.3%	10.8%
Jan	15.7%	16.1%	16.5%	16.2%	10.8%
Feb	15.2%	13.7%	12.1%	13.4%	10.8%
Mar	11.9%	12.0%	12.9%	13.8%	10.8%
Average	14.0%	14.1%	15.2%	13.6%	10.8%
				Budget	13.5%

Working Days	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024
Total	254	253	253	253	251
Diff from Year before		-1	0	0	-2
Change		-0.39%	0.00%	0.00%	-0.79%

General Waste Tonnes	2019/2020	2020/2021	Difference	
Apr	4,633	4,462	- 171	-3.68%
May	4,909	4,519	- 390	-7.94%
Jun	4,551	4,485	- 65	-1.44%
Jul	5,064	4,992	- 73	-1.44%
Aug	4,460	4,396	- 64	-1.44%
Sep	4,574	4,509	- 66	-1.44%
Oct	4,951	4,879	- 71	-1.44%
Nov	4,769	4,701	- 69	-1.44%
Dec	4,828	4,759	- 69	-1.44%
Jan	4,632	4,565	- 67	-1.44%
Feb	4,111	4,052	- 59	-1.44%
Mar	4,541	4,475	- 65	-1.44%
Total	**56,021**	**54,793**	**- 1,228**	**-2.19%**

Co-Mingled Tonnes	2019/2020	2020/2021	Difference	
Apr	913	969	56	6.16%
May	985	961	- 24	-2.44%
Jun	912	972	59	6.49%
Jul	1,038	1,105	67	6.49%
Aug	879	936	57	6.49%
Sep	974	1,037	63	6.49%
Oct	1,060	1,129	69	6.49%
Nov	983	1,047	64	6.49%
Dec	1,078	1,148	70	6.49%
Jan	1,030	1,097	67	6.49%
Feb	875	932	57	6.49%
Mar	975	1,038	63	6.49%
Total	**11,703**	**12,371**	**669**	**5.71%**

Detritus Waste Tonnes	2019/2020	2020/2021	Difference	
Apr	29	28	- 2	-5.24%
May	27	25	- 2	-5.61%
Jun	40	39	- 0	-0.96%
Jul	34	34	- 0	-0.96%
Aug	35	35	- 0	-0.96%
Sep	38	38	- 0	-0.96%
Oct	42	42	- 0	-0.96%
Nov	64	64	- 1	-0.96%
Dec	42	41	- 0	-0.96%
Jan	30	30	- 0	-0.96%
Feb	39	39	- 0	-0.96%
Mar	27	27	- 0	-0.96%
Total	**449**	**442**	**- 7**	**-1.51%**

Co-mingled Contamination Tonnes	2019/2020	2020/2021	Difference	
Apr	126	96	- 29	-23.39%
May	133	112	- 21	-15.54%
Jun	132	105	- 27	-20.65%
Jul	124	119	- 5	-4.03%
Aug	144	101	- 43	-29.77%
Sep	130	112	- 18	-13.62%
Oct	113	122	9	7.95%
Nov	142	113	- 29	-20.32%
Dec	132	124	- 8	-6.15%
Jan	167	118	- 49	-29.16%
Feb	117	101	- 16	-13.88%
Mar	135	112	- 23	-16.87%
Total	**1,594**	**1,336**	**- 258**	**-16.22%**

Green Waste Tonnes	2019/2020	2020/2021	Difference	
Apr	-	-	-	0.00%
May	-	-	-	0.00%
Jun	-	-	-	0.00%
Jul	-	-	-	0.00%
Aug	-	-	-	0.00%
Sep	-	-	-	0.00%
Oct	1	1	0	4.71%
Nov	-	-	-	0.00%
Dec	-	-	-	0.00%
Jan	82	86	4	4.71%
Feb	-	-	-	0.00%
Mar	-	-	-	0.00%
Total	**83**	**87**	**4**	**4.71%**

Wood Waste Tonnes	2019/2020	2020/2021	Difference	
Apr	-	-	-	0.00%
May	-	-	-	0.00%
Jun	-	-	-	0.00%
Jul	-	-	-	0.00%
Aug	-	-	-	0.00%
Sep	-	-	-	0.00%
Oct	-	-	-	0.00%
Nov	-	-	-	0.00%
Dec	-	-	-	0.00%
Jan	-	-	-	0.00%
Feb	-	-	-	0.00%
Mar	-	-	-	0.00%
Total	**-**	**-**	**-**	**0.00%**

Kensington and Chelsea | After 2 months of 2020/2021 | = Forecast Figures | Printed 16/06/2020 13:16

Tonnage	2019/2020 Outturn	2020/2021 Budget	2020/2021 Forecast	Difference to Budget Tonnes	Difference to Budget Percentage	2020/2021 £/Tonne	Budget 2020/2021 Cost £	Projected 2020/2021 Cost £	Projected 2020/2021 Variance £
Batteries	-	-	-	-		60.00	-	-	-
Clinical Waste	1	1	1	- 1	-48.1%	709.00	1,036	537	- 498
Co-Mingled	15,961	15,995	11,487	- 4,508	-28.2%	28.00	447,856	321,627	- 126,229
Detritus Waste	1,021	1,222	919	- 302	-24.7%	81.50	99,555	74,922	- 24,633
Electricals	26	21	40	19	91.8%	53.00	1,093	2,097	1,004
Fridges	51	54	33	- 21	-38.5%	50.50	2,734	1,680	- 1,054
Gas Bottles	1	1	2	1	102.6%	134.50	107	217	110
General Waste	58,209	57,965	43,543	- 14,422	-24.9%	150.50	8,723,718	6,553,248	- 2,170,470
Carpet	-	-	-	-		150.00	-	-	-
Green Waste	475	463	494	31	6.7%	100.00	46,250	49,367	3,117
Inert Waste	-	-	-	-		31.50	-	-	-
Paint & Oil	-	-	-	-		130.00	-	-	-
Paper & Cardboard	-	-	-	-		- 27.00	-	-	-
Scrap Metals	-	-	0	0		-	-	-	-
Textiles	-	-	-	-		- 209.50	-	-	-
Tyres	-	-	-	-		290.00	-	-	-
Wood	1	1	1	0	5.1%	112.50	67	71	3
Grand Total	**75,746**	**75,721**	**56,519**	**- 19,202**	**-25.4%**	**Sub-Total**	**9,322,416**	**7,003,766**	**- 2,318,650**
Contamination	1,699	1,690	1,146	- 544	-32.2%	150.50	254,345	172,450	- 81,895
						Grand Total	**9,576,761**	**7,176,216**	**- 2,400,545**

Forecast Tonnes	2021/2022	2022/2023	2023/2024
Batteries	-	-	-
Clinical Waste	1	1	1
Co-Mingled	11,487	11,487	11,396
Detritus Waste	919	919	912
Electricals	40	40	39
Fridges	33	33	33
Gas Bottles	2	2	2
General Waste	43,543	43,543	43,199
Carpet	-	-	-
Green Waste	494	494	490
Inert Waste	-	-	-
Paint & Oil	-	-	-
Paper & Cardboard	-	-	-
Scrap Metals	0	0	0
Textiles	-	-	-
Tyres	-	-	-
Wood	1	1	1
Grand Total	**56,519**	**56,519**	**56,072**
Contamination	1,146	1,146	1,137

Co-Mingled Contamination	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021
Apr	10.8%	14.7%	12.2%	9.5%	9.2%
May	11.5%	11.8%	10.9%	10.0%	10.7%
Jun	11.1%	13.2%	11.0%	11.3%	10.0%
Jul	11.1%	12.1%	13.2%	9.3%	10.0%
Aug	11.3%	14.3%	11.4%	13.9%	10.0%
Sep	13.1%	11.9%	12.7%	11.1%	10.0%
Oct	11.9%	14.0%	10.1%	10.0%	10.0%
Nov	12.1%	10.6%	11.2%	10.0%	10.0%
Dec	11.4%	12.3%	13.6%	10.7%	10.0%
Jan	11.8%	11.3%	9.9%	12.0%	10.0%
Feb	12.6%	11.7%	13.0%	10.6%	10.0%
Mar	13.6%	9.2%	10.9%	9.9%	10.0%
Average	11.9%	12.2%	11.7%	10.6%	10.0%
				Budget	10.6%

Working Days	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024
Total	254	253	253	253	251
Diff from Year before		-1	0	0	-2
Change		-0.39%	0.00%	0.00%	-0.79%

General Waste Tonnes	2019/2020	2020/2021	Difference	
Apr	4,741	3,473	- 1,267	-26.73%
May	4,937	3,492	- 1,445	-29.27%
Jun	4,813	3,627	- 1,185	-24.63%
Jul	5,156	3,886	- 1,270	-24.63%
Aug	4,899	3,692	- 1,207	-24.63%
Sep	4,858	3,661	- 1,197	-24.63%
Oct	5,153	3,884	- 1,269	-24.63%
Nov	5,128	3,865	- 1,263	-24.63%
Dec	5,051	3,807	- 1,244	-24.63%
Jan	4,722	3,559	- 1,163	-24.63%
Feb	4,328	3,262	- 1,066	-24.63%
Mar	4,424	3,335	- 1,090	-24.63%
Total	**58,209**	**43,543**	**- 14,666**	**-25.20%**

Co-Mingled Tonnes	2019/2020	2020/2021	Difference	
Apr	1,266	847	- 419	-33.13%
May	1,331	952	- 380	-28.52%
Jun	1,335	968	- 367	-27.50%
Jul	1,467	1,063	- 403	-27.50%
Aug	1,176	852	- 323	-27.50%
Sep	1,373	995	- 377	-27.50%
Oct	1,430	1,037	- 393	-27.50%
Nov	1,385	1,004	- 381	-27.50%
Dec	1,476	1,070	- 406	-27.50%
Jan	1,325	961	- 365	-27.50%
Feb	1,189	862	- 327	-27.50%
Mar	1,208	876	- 332	-27.50%
Total	**15,961**	**11,487**	**- 4,474**	**-28.03%**

Detritus Waste Tonnes	2019/2020	2020/2021	Difference	
Apr	76	60	- 16	-21.19%
May	75	70	- 4	-5.45%
Jun	84	77	- 8	-9.33%
Jul	81	73	- 8	-9.33%
Aug	88	79	- 8	-9.33%
Sep	85	77	- 8	-9.33%
Oct	100	90	- 9	-9.33%
Nov	152	138	- 14	-9.33%
Dec	75	68	- 7	-9.33%
Jan	75	68	- 7	-9.33%
Feb	80	72	- 7	-9.33%
Mar	52	47	- 5	-9.33%
Total	**1,021**	**919**	**- 101**	**-9.93%**

Co-mingled Contamination Tonnes	2019/2020	2020/2021	Difference	
Apr	121	77	- 43	-35.79%
May	133	102	- 31	-23.29%
Jun	151	97	- 55	-36.11%
Jul	136	106	- 30	-22.24%
Aug	163	85	- 78	-47.78%
Sep	152	99	- 53	-34.67%
Oct	143	103	- 39	-27.61%
Nov	138	100	- 38	-27.68%
Dec	157	107	- 51	-32.22%
Jan	159	96	- 63	-39.73%
Feb	125	86	- 39	-31.45%
Mar	120	87	- 32	-26.95%
Total	**1,699**	**1,146**	**- 553**	**-32.55%**

Green Waste Tonnes	2019/2020	2020/2021	Difference	
Apr	23	25	2	8.38%
May	32	30	- 2	-6.20%
Jun	36	37	2	4.52%
Jul	36	38	2	4.52%
Aug	28	29	1	4.52%
Sep	29	31	1	4.52%
Oct	43	45	2	4.52%
Nov	56	59	3	4.52%
Dec	39	41	2	4.52%
Jan	108	113	5	4.52%
Feb	23	24	1	4.52%
Mar	20	21	1	4.52%
Total	**475**	**494**	**19**	**3.98%**

Wood Waste Tonnes	2019/2020	2020/2021	Difference	
Apr	-	-	-	0.00%
May	-	-	-	0.00%
Jun	-	-	-	0.00%
Jul	-	-	-	0.00%
Aug	1	1	0	4.71%
Sep	-	-	-	0.00%
Oct	-	-	-	0.00%
Nov	-	-	-	0.00%
Dec	-	-	-	0.00%
Jan	-	-	-	0.00%
Feb	-	-	-	0.00%
Mar	-	-	-	0.00%
Total	**1**	**1**	**0**	**4.71%**

Lambeth	After	2	months of	2020/2021	Printed	16/06/2020 13:16
	= Forecast Figures					

Tonnage	2019/2020 Outturn	2020/2021 Budget	2020/2021 Forecast	Difference to Budget Tonnes	Difference to Budget Percentage	2020/2021 £/Tonne	Budget 2020/2021 Cost £	Projected 2020/2021 Cost £	Projected 2020/2021 Variance £
Batteries	-	-	-	-		60.00	-	-	-
Clinical Waste	3	4	3	- 1	-26.7%	709.00	2,622	1,922	- 700
Co-Mingled	19,543	19,078	22,404	3,327	17.4%	28.00	534,176	627,318	93,143
Detritus Waste	518	518	638	121	23.3%	81.50	42,182	52,009	9,827
Electricals	113	94	9	- 85	-90.0%	53.00	4,993	497	- 4,496
Fridges	174	160	115	- 45	-28.0%	50.50	8,093	5,829	- 2,264
Gas Bottles	4	3	-	- 3	-100.0%	134.50	424	-	- 424
General Waste	86,536	86,356	86,922	567	0.7%	150.50	12,996,540	13,081,805	85,264
Carpet	-	-	-	-		150.00	-	-	-
Green Waste	733	736	1,210	474	64.4%	100.00	73,578	120,981	47,403
Inert Waste	2	2	2	1	41.6%	31.50	52	73	22
Paint & Oil	-	-	-	-		130.00	-	-	-
Paper & Cardboard	423	387	413	27	6.9%	- 27.00	- 10,440	- 11,158	- 718
Scrap Metals	114	122	1	- 121	-99.4%	-	-	-	-
Textiles	-	-	-	-		- 209.50	-	-	-
Tyres	8	7	4	- 3	-47.6%	290.00	1,948	1,020	- 928
Wood	140	200	-	- 200	-100.0%	112.50	22,460	-	- 22,460
Grand Total	**108,311**	**107,665**	**111,722**	**4,057**	**3.8%**	**Sub-Total**	**13,676,627**	**13,880,296**	**203,669**
Contamination	2,796	2,672	2,871	199	7.5%	150.50	402,136	432,115	29,979
						Grand Total	**14,078,763**	**14,312,411**	**233,648**

Forecast Tonnes	2021/2022	2022/2023	2023/2024
Batteries	-	-	-
Clinical Waste	3	3	3
Co-Mingled	22,404	22,404	22,227
Detritus Waste	638	638	633
Electricals	9	9	9
Fridges	115	115	115
Gas Bottles	-	-	-
General Waste	86,922	86,922	86,235
Carpet	-	-	-
Green Waste	1,210	1,210	1,200
Inert Waste	2	2	2
Paint & Oil	-	-	-
Paper & Cardboard	413	413	410
Scrap Metals	1	1	1
Textiles	-	-	-
Tyres	4	4	3
Wood	-	-	-
Grand Total	**111,722**	**111,722**	**110,839**
Contamination	2,871	2,871	2,849

Co-Mingled Contamination	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021
Apr	12.6%	16.5%	15.7%	11.1%	11.3%
May	13.8%	17.7%	12.2%	16.8%	14.4%
Jun	14.9%	11.5%	16.8%	13.2%	12.8%
Jul	11.9%	22.4%	16.2%	15.6%	12.8%
Aug	11.9%	18.9%	16.7%	13.6%	12.8%
Sep	13.4%	14.9%	19.2%	13.9%	12.8%
Oct	11.9%	13.1%	20.2%	12.7%	12.8%
Nov	15.3%	15.0%	14.9%	14.5%	12.8%
Dec	12.2%	17.8%	18.4%	15.6%	12.8%
Jan	16.3%	16.2%	16.5%	16.2%	12.8%
Feb	13.2%	15.9%	14.5%	16.7%	12.8%
Mar	18.6%	17.6%	15.3%	11.7%	12.8%
Average	13.9%	16.5%	16.4%	14.3%	12.8%
				Budget	14.0%

Working Days	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024
Total	254	253	253	253	251
Diff from Year before		-1	0	0	-2
Change		-0.39%	0.00%	0.00%	-0.79%

General Waste Tonnes	2019/2020	2020/2021	Difference	
Apr	7,319	7,070	- 249	-3.40%
May	7,471	7,227	- 244	-3.27%
Jun	7,037	7,123	86	1.22%
Jul	7,787	7,882	95	1.22%
Aug	7,089	7,176	87	1.22%
Sep	6,953	7,038	85	1.22%
Oct	7,611	7,704	93	1.22%
Nov	7,205	7,294	88	1.22%
Dec	7,445	7,536	91	1.22%
Jan	7,211	7,299	88	1.22%
Feb	6,381	6,459	78	1.22%
Mar	7,028	7,114	86	1.22%
Total	**86,536**	**86,922**	**386**	**0.45%**

Co-Mingled Tonnes	2019/2020	2020/2021	Difference	
Apr	1,579	1,813	235	14.86%
May	1,710	1,814	105	6.12%
Jun	1,497	1,729	232	15.52%
Jul	1,672	1,932	259	15.52%
Aug	1,524	1,761	237	15.52%
Sep	1,540	1,779	239	15.52%
Oct	1,704	1,968	264	15.52%
Nov	1,534	1,772	238	15.52%
Dec	1,751	2,022	272	15.52%
Jan	1,824	2,107	283	15.52%
Feb	1,503	1,736	233	15.52%
Mar	1,706	1,971	265	15.52%
Total	**19,543**	**22,404**	**2,861**	**14.64%**

Detritus Waste Tonnes	2019/2020	2020/2021	Difference	
Apr	32	38	6	18.96%
May	38	44	7	17.66%
Jun	41	51	10	23.83%
Jul	23	29	6	23.83%
Aug	37	46	9	23.83%
Sep	44	54	10	23.83%
Oct	56	69	13	23.83%
Nov	88	109	21	23.83%
Dec	51	63	12	23.83%
Jan	40	49	9	23.83%
Feb	38	47	9	23.83%
Mar	31	38	7	23.83%
Total	**518**	**638**	**120**	**23.08%**

Co-mingled Contamination Tonnes	2019/2020	2020/2021	Difference	
Apr	175	232	58	32.97%
May	287	232	- 54	-18.90%
Jun	197	222	24	12.32%
Jul	262	248	- 14	-5.35%
Aug	207	226	19	9.17%
Sep	214	228	14	6.50%
Oct	217	252	36	16.47%
Nov	222	227	5	2.31%
Dec	272	259	- 13	-4.80%
Jan	295	270	- 25	-8.39%
Feb	251	223	- 28	-11.19%
Mar	199	253	54	26.96%
Total	**2,796**	**2,871**	**75**	**2.69%**

Green Waste Tonnes	2019/2020	2020/2021	Difference	
Apr	6	11	5	94.76%
May	15	21	6	43.44%
Jun	28	47	19	65.30%
Jul	34	56	22	65.30%
Aug	31	52	20	65.30%
Sep	51	85	34	65.30%
Oct	76	126	50	65.30%
Nov	206	340	135	65.30%
Dec	136	225	89	65.30%
Jan	91	150	59	65.30%
Feb	46	76	30	65.30%
Mar	12	20	8	65.30%
Total	**733**	**1,210**	**477**	**65.09%**

Wood Waste Tonnes	2019/2020	2020/2021	Difference	
Apr	32	-	- 32	-100.00%
May	27	-	- 27	-100.00%
Jun	20	-	- 20	-100.00%
Jul	25	-	- 25	-100.00%
Aug	18	-	- 18	-100.00%
Sep	17	-	- 17	-100.00%
Oct	-	-	-	0.00%
Nov	-	-	-	0.00%
Dec	-	-	-	0.00%
Jan	0	-	- 0	-100.00%
Feb	-	-	-	0.00%
Mar	-	-	-	0.00%
Total	**140**	**-**	**- 140**	**-100.00%**

Wandsworth After 2 months of 2020/2021 = Forecast Figures

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Tonnage	2019/2020 Outturn	2020/2021 Budget	2020/2021 Forecast	Difference to Budget Tonnes	Difference to Budget Percentage	2020/2021 £/Tonne	Budget 2020/2021 Cost £	Projected 2020/2021 Cost £	Projected 2020/2021 Variance £
Batteries	-	-	-	-		60.00	-	-	-
Clinical Waste	66	66	53	- 13	-19.7%	709.00	46,551	37,387	- 9,164
Co-Mingled	20,355	19,774	23,669	3,896	19.7%	28.00	553,663	662,742	109,079
Detritus Waste	2,841	2,694	2,928	234	8.7%	81.50	219,542	238,597	19,056
Electricals	2	2	0	- 1	-77.1%	53.00	92	21	- 71
Fridges	153	172	62	- 111	-64.3%	50.50	8,704	3,110	- 5,594
Gas Bottles	1	0	2	1	446.0%	134.50	38	208	170
General Waste	75,666	74,482	81,490	7,008	9.4%	150.50	11,209,512	12,264,245	1,054,732
Carpet	-	-	-	-		150.00	-	-	-
Green Waste	449	498	733	235	47.2%	100.00	49,768	73,270	23,503
Inert Waste	15	11	16	6	53.8%	31.50	335	515	180
Paint & Oil	-	-	-	-		130.00	-	-	-
Paper & Cardboard	-	-	-	-		- 27.00	-	-	-
Scrap Metals	4	0	8	7	3378.3%	-	-	-	-
Textiles	-	-	-	-		- 209.50	-	-	-
Tyres	1	1	1	0	16.9%	290.00	204	239	34
Wood	-	-	-	-		112.50	-	-	-
Grand Total	**99,551**	**97,699**	**108,961**	**11,262**	**11.5%**	**Sub-Total**	**12,088,410**	**13,280,335**	**1,191,924**
Contamination	2,602	2,504	2,709	205	8.2%	150.50	376,852	407,719	30,867
						Grand Total	**12,465,262**	**13,688,054**	**1,222,792**

Forecast Tonnes	2021/2022	2022/2023	2023/2024
Batteries	-	-	-
Clinical Waste	53	53	52
Co-Mingled	23,669	23,669	23,482
Detritus Waste	2,928	2,928	2,904
Electricals	0	0	0
Fridges	62	62	61
Gas Bottles	2	2	2
General Waste	81,490	81,490	80,846
Carpet	-	-	-
Green Waste	733	733	727
Inert Waste	16	16	16
Paint & Oil	-	-	-
Paper & Cardboard	-	-	-
Scrap Metals	8	8	8
Textiles	-	-	-
Tyres	1	1	1
Wood	-	-	-
Grand Total	**108,961**	**108,961**	**108,099**
Contamination	2,709	2,709	2,688

Co-Mingled Contamination	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021
Apr	13.2%	15.6%	14.1%	11.7%	8.9%
May	12.7%	11.9%	12.8%	11.9%	13.9%
Jun	17.9%	15.4%	14.1%	13.8%	11.4%
Jul	16.4%	16.2%	15.1%	12.0%	11.4%
Aug	16.1%	16.8%	14.8%	13.2%	11.4%
Sep	14.3%	11.3%	16.2%	11.8%	11.4%
Oct	14.3%	15.4%	13.2%	15.4%	11.4%
Nov	12.2%	16.0%	13.4%	11.5%	11.4%
Dec	13.3%	14.9%	15.5%	11.9%	11.4%
Jan	16.3%	14.4%	15.2%	15.2%	11.4%
Feb	16.1%	12.2%	13.3%	14.0%	11.4%
Mar	13.9%	17.5%	11.9%	10.9%	11.4%
Average	14.7%	14.8%	14.1%	12.8%	11.4%
				Budget	12.7%

Working Days	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024
Total	254	253	253	253	251
Diff from Year before		-1	0	0	-2
Change		-0.39%	0.00%	0.00%	-0.79%

General Waste Tonnes	2019/2020	2020/2021	Difference	
Apr	6,318	6,796	478	7.57%
May	6,693	6,690	- 3	-0.04%
Jun	6,046	6,562	516	8.54%
Jul	6,923	7,515	591	8.54%
Aug	6,104	6,625	521	8.54%
Sep	6,136	6,660	524	8.54%
Oct	6,616	7,181	565	8.54%
Nov	6,183	6,710	528	8.54%
Dec	6,348	6,890	542	8.54%
Jan	6,328	6,869	540	8.54%
Feb	5,521	5,993	471	8.54%
Mar	6,450	7,000	551	8.54%
Total	**75,666**	**81,490**	**5,824**	**7.70%**

Co-Mingled Tonnes	2019/2020	2020/2021	Difference	
Apr	1,608	1,823	215	13.39%
May	1,698	1,875	177	10.42%
Jun	1,565	1,834	268	17.14%
Jul	1,744	2,043	299	17.14%
Aug	1,550	1,816	266	17.14%
Sep	1,575	1,845	270	17.14%
Oct	1,726	2,022	296	17.14%
Nov	1,719	2,014	295	17.14%
Dec	1,920	2,250	329	17.14%
Jan	1,956	2,291	335	17.14%
Feb	1,526	1,787	262	17.14%
Mar	1,766	2,069	303	17.14%
Total	**20,355**	**23,669**	**3,315**	**16.29%**

Detritus Waste Tonnes	2019/2020	2020/2021	Difference	
Apr	172	187	16	9.12%
May	219	199	- 19	-8.89%
Jun	183	190	7	3.69%
Jul	208	216	8	3.69%
Aug	232	240	9	3.69%
Sep	246	255	9	3.69%
Oct	283	294	10	3.69%
Nov	441	458	16	3.69%
Dec	304	316	11	3.69%
Jan	200	208	7	3.69%
Feb	190	197	7	3.69%
Mar	164	170	6	3.69%
Total	**2,841**	**2,928**	**87**	**3.05%**

Co-mingled Contamination Tonnes	2019/2020	2020/2021	Difference	
Apr	188	209	20	10.74%
May	203	215	12	5.94%
Jun	215	210	- 5	-2.49%
Jul	209	234	25	11.82%
Aug	204	208	4	1.96%
Sep	186	211	25	13.53%
Oct	267	231	- 35	-13.16%
Nov	198	231	32	16.28%
Dec	229	257	29	12.67%
Jan	298	262	- 35	-11.91%
Feb	214	205	- 9	-4.23%
Mar	192	237	45	23.46%
Total	**2,602**	**2,709**	**107**	**4.13%**

Green Waste Tonnes	2019/2020	2020/2021	Difference	
Apr	8	14	7	87.99%
May	12	16	4	35.01%
Jun	17	28	11	63.51%
Jul	19	30	12	63.51%
Aug	16	26	10	63.51%
Sep	19	32	12	63.51%
Oct	18	30	11	63.51%
Nov	26	42	16	63.51%
Dec	47	77	30	63.51%
Jan	237	387	150	63.51%
Feb	21	34	13	63.51%
Mar	10	17	6	63.51%
Total	**449**	**733**	**284**	**63.19%**

Wood Waste Tonnes	2019/2020	2020/2021	Difference	
Apr	-	-	-	0.00%
May	-	-	-	0.00%
Jun	-	-	-	0.00%
Jul	-	-	-	0.00%
Aug	-	-	-	0.00%
Sep	-	-	-	0.00%
Oct	-	-	-	0.00%
Nov	-	-	-	0.00%
Dec	-	-	-	0.00%
Jan	-	-	-	0.00%
Feb	-	-	-	0.00%
Mar	-	-	-	0.00%
Total	**-**	**-**	**-**	**0.00%**

Household Waste & Recycling Centre & Charity — After 2 months of 2020/2021 = Forecast Figures

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Tonnage	2019/2020 Outturn	2020/2021 Budget	2020/2021 Forecast	Difference to Budget Tonnes	Difference to Budget Percentage	2020/2021 £/Tonne	Budget 2020/2021 Cost £	Projected 2020/2021 Cost £	Projected 2020/2021 Variance £
Batteries	24	31	-	- 31	-100%	60.00	1,837	-	- 1,837
Clinical Waste	-	-	-	-		709.00	-	-	-
Co-Mingled	538	588	25	- 563	-95.7%	28.00	16,477	710	- 15,767
Detritus Waste	-	-	-	-		81.50	-	-	-
Electricals	726	733	41	- 692	-94.4%	53.00	38,853	2,175	- 36,678
Fridges	79	76	21	- 55	-72.1%	50.50	3,858	1,077	- 2,781
Gas Bottles	-	13	-	- 13	-100.0%	134.50	1,730	-	- 1,730
General Waste	8,865	8,957	3,030	- 5,927	-66.2%	150.50	1,347,976	455,965	- 892,011
Carpet	375	392	-	- 392	-100.0%	150.00	58,782	-	- 58,782
Green Waste	3,171	3,186	1,252	- 1,934	-60.7%	100.00	318,593	125,213	- 193,379
Inert Waste	1,677	1,803	80	- 1,723	-95.5%	31.50	56,807	2,535	- 54,272
Paint & Oil	17	18	-	- 18	-100.0%	130.00	2,333	-	- 2,333
Paper & Cardboard	962	977	178	- 799	-81.8%	- 27.00	- 26,376	- 4,796	21,580
Scrap Metals	666	658	33	- 625	-95.0%	-	-	-	-
Textiles	254	257	27	- 230	-89.4%	- 209.50	- 53,906	- 5,694	48,211
Tyres	-	-	-	-		290.00	-	-	-
Wood	3,773	4,041	591	- 3,450	-85.4%	112.50	454,661	66,491	- 388,169
Grand Total	**21,128**	**21,731**	**5,279**	**- 16,452**	**-75.7%**	**Sub-Total**	**2,221,625**	**643,676**	**- 1,577,948**
Contamination	69	75	3	- 72	-95.6%	150.50	11,288	501	- 10,786
						Grand Total	**2,232,912**	**644,178**	**- 1,588,734**

Forecast Tonnes	2021/2022	2022/2023	2023/2024
Batteries	-	-	-
Clinical Waste	-	-	-
Co-Mingled	25	25	25
Detritus Waste	-	-	-
Electricals	41	41	41
Fridges	21	21	21
Gas Bottles	-	-	-
General Waste	3,030	3,030	3,006
Carpet	-	-	-
Green Waste	1,252	1,252	1,242
Inert Waste	80	80	80
Paint & Oil	-	-	-
Paper & Cardboard	178	178	176
Scrap Metals	33	33	33
Textiles	27	27	27
Tyres	-	-	-
Wood	591	591	586
Grand Total	**5,279**	**5,279**	**5,237**
Contamination	3	3	3

Co-Mingled Contamination	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021
Apr	12.6%	15.0%	14.0%	11.4%	9.9%
May	12.6%	14.3%	12.2%	13.2%	13.1%
Jun	14.8%	13.2%	13.9%	13.1%	13.1%
Jul	12.9%	16.6%	15.1%	12.4%	13.1%
Aug	13.2%	16.9%	14.8%	14.0%	13.1%
Sep	13.5%	12.5%	16.3%	12.5%	13.1%
Oct	12.9%	14.3%	15.5%	12.5%	13.1%
Nov	13.7%	14.0%	13.6%	12.5%	13.1%
Dec	13.4%	15.4%	16.4%	12.7%	13.1%
Jan	15.1%	14.5%	14.7%	15.0%	13.1%
Feb	14.3%	13.4%	13.4%	13.9%	13.1%
Mar	14.8%	14.6%	12.8%	11.4%	13.1%
Average	13.6%	14.6%	14.6%	12.8%	13.1%
				Budget	12.7%

Working Days	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024
Total	254	253	253	253	251
Diff from Year before		-1	0	0	-2
Change		-0.39%	0.00%	0.00%	-0.79%

General Waste Tonnes	2019/2020	2020/2021	Difference	
Apr	873	1	- 872	-99.92%
May	949	599	- 349	-36.82%
Jun	784	270	- 514	-65.51%
Jul	867	299	- 568	-65.51%
Aug	897	309	- 587	-65.51%
Sep	772	266	- 506	-65.51%
Oct	663	229	- 434	-65.51%
Nov	628	217	- 412	-65.51%
Dec	608	210	- 398	-65.51%
Jan	669	231	- 438	-65.51%
Feb	586	202	- 384	-65.51%
Mar	570	197	- 373	-65.51%
Total	**8,865**	**3,030**	**- 5,836**	**-65.83%**

Co-Mingled Tonnes	2019/2020	2020/2021	Difference	
Apr	55	-	- 55	-100.00%
May	56	5	- 51	-91.00%
Jun	60	3	- 57	-95.24%
Jul	55	3	- 52	-95.24%
Aug	47	2	- 45	-95.24%
Sep	37	2	- 35	-95.24%
Oct	32	2	- 31	-95.24%
Nov	39	2	- 37	-95.24%
Dec	55	3	- 52	-95.24%
Jan	41	2	- 39	-95.24%
Feb	28	1	- 27	-95.24%
Mar	34	2	- 32	-95.24%
Total	**538**	**25**	**- 513**	**-95.29%**

Detritus Waste Tonnes	2019/2020	2020/2021	Difference	
Apr	-	-	-	0.00%
May	-	-	-	0.00%
Jun	-	-	-	0.00%
Jul	-	-	-	0.00%
Aug	-	-	-	0.00%
Sep	-	-	-	0.00%
Oct	-	-	-	0.00%
Nov	-	-	-	0.00%
Dec	-	-	-	0.00%
Jan	-	-	-	0.00%
Feb	-	-	-	0.00%
Mar	-	-	-	0.00%
Total	**-**	**-**	**-**	**0.00%**

Co-mingled Contamination Tonnes	2019/2020	2020/2021	Difference	
Apr	6	-	- 6	-100.00%
May	7	1	- 7	-91.04%
Jun	8	0	- 7	-95.23%
Jul	7	0	- 6	-94.94%
Aug	7	0	- 6	-95.53%
Sep	5	0	- 4	-94.99%
Oct	4	0	- 4	-94.99%
Nov	5	0	- 5	-94.99%
Dec	7	0	- 7	-95.08%
Jan	6	0	- 6	-95.83%
Feb	4	0	- 4	-95.49%
Mar	4	0	- 4	-94.52%
Total	**69**	**3**	**- 66**	**-95.18%**

Green Waste Tonnes	2019/2020	2020/2021	Difference	
Apr	363	-	- 363	-100.00%
May	407	293	- 113	-27.85%
Jun	372	149	- 224	-60.07%
Jul	334	134	- 201	-60.07%
Aug	356	142	- 214	-60.07%
Sep	296	118	- 178	-60.07%
Oct	211	84	- 127	-60.07%
Nov	226	90	- 136	-60.07%
Dec	174	69	- 105	-60.07%
Jan	157	63	- 94	-60.07%
Feb	120	48	- 72	-60.07%
Mar	155	62	- 93	-60.07%
Total	**3,171**	**1,252**	**- 1,918**	**-60.51%**

Wood Waste Tonnes	2019/2020	2020/2021	Difference	
Apr	363	13	- 351	-96.53%
May	321	91	- 231	-71.79%
Jun	313	49	- 263	-84.20%
Jul	409	65	- 345	-84.20%
Aug	370	58	- 311	-84.20%
Sep	363	57	- 306	-84.20%
Oct	270	43	- 227	-84.20%
Nov	277	44	- 233	-84.20%
Dec	276	44	- 232	-84.20%
Jan	256	40	- 216	-84.20%
Feb	271	43	- 229	-84.20%
Mar	283	45	- 238	-84.20%
Total	**3,773**	**591**	**- 3,182**	**-84.33%**

Western Riverside Waste Authority | After 2 months of 2020/2021 | = Forecast Figures | Printed 16/06/2020 13:16

Tonnage	2019/2020 Outturn	2020/2021 Budget	2020/2021 Forecast	Difference to Budget Tonnes	Difference to Budget Percentage	2020/2021 £/Tonne	Budget 2020/2021 Cost £	Projected 2020/2021 Cost £	Projected 2020/2021 Variance £
Batteries	25	31	1	- 31	-98%	60.00	1,877	38	- 1,839
Clinical Waste	88	89	71	- 19	-20.8%	709.00	63,378	50,191	- 13,187
Co-Mingled	68,100	66,978	69,957	2,979	4.4%	28.00	1,875,386	1,958,792	83,406
Detritus Waste	4,829	4,843	4,927	83	1.7%	81.50	394,740	401,529	6,789
Electricals	887	861	137	- 724	-84.1%	53.00	45,629	7,264	- 38,365
Fridges	546	549	292	- 257	-46.8%	50.50	27,706	14,738	- 12,967
Gas Bottles	7	17	4	- 14	-78.4%	134.50	2,345	507	- 1,839
General Waste	285,297	283,180	269,778	- 13,402	-4.7%	150.50	42,618,633	40,601,605	- 2,017,028
Carpet	375	392	-	- 392	-100.0%	150.00	58,782	-	- 58,782
Green Waste	4,911	4,886	3,776	- 1,110	-22.7%	100.00	488,554	377,556	- 110,997
Inert Waste	1,699	1,816	105	- 1,711	-94.2%	31.50	57,194	3,305	- 53,889
Paint & Oil	17	18	-	- 18	-100.0%	130.00	2,333	-	- 2,333
Paper & Cardboard	1,385	1,364	591	- 773	-56.7%	- 27.00	- 36,816	- 15,954	20,862
Scrap Metals	803	786	121	- 665	-84.6%	-	-	-	-
Textiles	254	257	27	- 230	-89.4%	- 209.50	- 53,906	- 5,694	48,211
Tyres	10	7	5	- 3	-33.9%	290.00	2,153	1,423	- 730
Wood	3,914	4,242	592	- 3,650	-86.1%	112.50	477,188	66,562	- 410,626
Grand Total	**373,146**	**370,316**	**350,382**	**- 19,935**	**-5.4%**	**Sub-Total**	**46,025,176**	**43,461,861**	**- 2,563,315**
Contamination	8,760	8,496	8,065	- 431	-5.1%	150.50	1,278,648	1,213,802	- 64,846
						Grand Total	**47,303,824**	**44,675,662**	**- 2,628,161**

Forecast Tonnes	2021/2022	2022/2023	2023/2024
Batteries	1	1	1
Clinical Waste	71	71	70
Co-Mingled	69,957	69,957	69,404
Detritus Waste	4,927	4,927	4,888
Electricals	137	137	136
Fridges	292	292	290
Gas Bottles	4	4	4
General Waste	269,778	269,778	267,645
Carpet	-	-	-
Green Waste	3,776	3,776	3,746
Inert Waste	105	105	104
Paint & Oil	-	-	-
Paper & Cardboard	591	591	586
Scrap Metals	121	121	120
Textiles	27	27	27
Tyres	5	5	5
Wood	592	592	587
Grand Total	**350,382**	**350,382**	**347,612**
Contamination	8,065	8,065	8,001

Co-Mingled Contamination	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021
Apr	12.6%	15.0%	14.0%	11.4%	9.9%
May	12.6%	14.3%	12.2%	13.2%	13.1%
Jun	14.8%	13.2%	13.9%	13.1%	13.1%
Jul	12.9%	16.6%	15.1%	12.4%	13.1%
Aug	13.2%	16.9%	14.8%	14.0%	13.1%
Sep	13.5%	12.5%	16.3%	12.5%	13.1%
Oct	12.9%	14.3%	15.5%	12.5%	13.1%
Nov	13.7%	14.0%	13.6%	12.5%	13.1%
Dec	13.4%	15.4%	16.4%	12.7%	13.1%
Jan	15.1%	14.5%	14.7%	15.0%	13.1%
Feb	14.3%	13.4%	13.4%	13.9%	13.1%
Mar	14.8%	14.6%	12.8%	11.4%	13.1%
Average	13.6%	14.6%	14.6%	12.8%	13.1%
				Budget	12.7%

Working Days	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024
Total	254	253	253	253	251
Diff from Year before		-1	0	0	-2
Change		-0.39%	0.00%	0.00%	-0.79%

General Waste Tonnes	2019/2020	2020/2021	Difference	
Apr	23,884	21,803	- 2,081	-8.71%
May	24,958	22,527	- 2,431	-9.74%
Jun	23,230	22,068	- 1,162	-5.00%
Jul	25,797	24,573	- 1,224	-4.74%
Aug	23,448	22,198	- 1,250	-5.33%
Sep	23,293	22,134	- 1,159	-4.98%
Oct	24,994	23,877	- 1,117	-4.47%
Nov	23,913	22,786	- 1,127	-4.71%
Dec	24,280	23,201	- 1,079	-4.44%
Jan	23,562	22,523	- 1,039	-4.41%
Feb	20,927	19,967	- 960	-4.59%
Mar	23,012	22,120	- 892	-3.87%
Total	**285,298**	**269,778**	**- 15,520**	**-5.44%**

Co-Mingled Tonnes	2019/2020	2020/2021	Difference	
Apr	5,420	5,452	32	0.59%
May	5,780	5,607	- 173	-2.99%
Jun	5,369	5,504	135	2.52%
Jul	5,976	6,146	170	2.85%
Aug	5,176	5,367	191	3.69%
Sep	5,499	5,658	159	2.90%
Oct	5,953	6,158	205	3.45%
Nov	5,660	5,839	179	3.16%
Dec	6,279	6,492	213	3.39%
Jan	6,177	6,459	282	4.56%
Feb	5,122	5,319	198	3.86%
Mar	5,689	5,955	266	4.68%
Total	**68,099**	**69,957**	**1,858**	**2.73%**

Detritus Waste Tonnes	2019/2020	2020/2021	Difference	
Apr	309	313	4	1.29%
May	358	339	- 18	-5.13%
Jun	348	356	8	2.38%
Jul	346	352	5	1.57%
Aug	392	401	9	2.29%
Sep	412	423	11	2.71%
Oct	481	495	14	2.92%
Nov	746	768	22	3.00%
Dec	472	488	16	3.39%
Jan	345	355	10	2.77%
Feb	346	355	8	2.39%
Mar	273	281	8	3.05%
Total	**4,829**	**4,927**	**98**	**2.03%**

Co-mingled Contamination Tonnes	2019/2020	2020/2021	Difference	
Apr	616	540	- 76	-12.30%
May	762	737	- 26	-3.36%
Jun	704	633	- 70	-10.01%
Jul	738	707	- 31	-4.20%
Aug	724	620	- 104	-14.36%
Sep	686	651	- 36	-5.20%
Oct	743	709	- 34	-4.54%
Nov	705	671	- 34	-4.87%
Dec	797	748	- 50	-6.22%
Jan	925	747	- 178	-19.25%
Feb	710	614	- 97	-13.59%
Mar	649	689	40	6.16%
Total	**8,760**	**8,065**	**- 695**	**-7.93%**

Green Waste Tonnes	2019/2020	2020/2021	Difference	
Apr	399	50	- 349	-87.44%
May	465	360	- 105	-22.55%
Jun	454	261	- 193	-42.48%
Jul	423	258	- 165	-39.05%
Aug	431	249	- 182	-42.21%
Sep	396	265	- 131	-32.99%
Oct	350	287	- 63	-18.12%
Nov	514	532	18	3.45%
Dec	397	413	16	4.12%
Jan	674	799	124	18.39%
Feb	210	182	- 28	-13.23%
Mar	197	119	- 78	-39.48%
Total	**4,911**	**3,776**	**- 1,135**	**-23.11%**

Wood Waste Tonnes	2019/2020	2020/2021	Difference	
Apr	395	13	- 383	-96.81%
May	348	91	- 258	-73.98%
Jun	333	49	- 283	-85.16%
Jul	434	65	- 369	-85.10%
Aug	389	59	- 330	-84.81%
Sep	380	57	- 323	-84.91%
Oct	270	43	- 227	-84.20%
Nov	277	44	- 233	-84.20%
Dec	276	44	- 232	-84.20%
Jan	256	40	- 216	-84.23%
Feb	271	43	- 229	-84.20%
Mar	283	45	- 238	-84.20%
Total	**3,913**	**592**	**- 3,321**	**-84.88%**

Local Authority Collected Waste (Tonnes)

Forecast after 2 months of 2020/2021 | Printed 16/06/2020 13:18

	HF	KC	LA	WA	HWRC	Total	Share	Adjusted for Contamination	Share
Co-Mingled Recyclables	12,371	11,487	22,404	23,669	25	69,957	20%	61,892	18%
Detritus Waste	442	919	638	2,928	-	4,927	1%	4,927	1%
General Waste	54,793	43,543	86,922	81,490	3,030	269,778	77%	277,843	79%
Green Waste	87	494	1,210	733	1,252	3,776	1%	3,776	1%
Wood Waste	-	1	-	-	591	592	0%	592	0%
Other Waste	208	76	547	141	381	1,353	0%	1,353	0%
TOTAL WASTE	**67,901**	**56,519**	**111,722**	**108,961**	**5,279**	**350,382**	**100%**	**350,382**	**100%**
Co-Mingled Contamination	1,336	1,146	2,871	2,709	3	8,065			

Local Authority Collected Waste (£)

	£/T	HF	KC	LA	WA	HWRC	Total	Share	Adjusted for Contamination	Share
Co-Mingled Recyclables	28.00	346,394	321,627	627,318	662,742	710	1,958,792	5%	1,958,792	4%
Detritus Waste	81.50	36,001	74,922	52,009	238,597	-	401,529	1%	401,529	1%
General Waste	150.50	8,246,342	6,553,248	13,081,805	12,264,245	455,965	40,601,605	93%	41,815,406	94%
Green Waste	100.00	8,725	49,367	120,981	73,270	125,213	377,556	1%	377,556	1%
Wood Waste	112.50	-	71	-	-	66,491	66,562	0%	66,562	0%
Other Waste		16,326	4,531	- 1,817	41,480	- 4,704	55,816	0%	55,816	0%
SUB-TOTAL COST		8,854,804	7,176,216	14,312,411	13,688,054	644,178	43,461,861	100%	**44,675,662**	100%
Co-Mingled Contamination	150.50	201,015	172,450	432,115	407,719	501	1,213,802			
						TOTAL COST	44,675,662			

Local Authority Collected Waste (Tonnes) Adjusted for Contamination

	HF	KC	LA	WA	HWRC	WRWA
Co-Mingled Recyclables	11,036	10,341	19,533	20,960	22	61,892
Detritus Waste	442	919	638	2,928	-	4,927
General Waste	56,129	44,689	89,793	84,199	3,033	277,843
Green Waste	87	494	1,210	733	1,252	3,776
Wood Waste	-	1	-	-	591	592
Other Waste	208	76	547	141	381	1,353
TOTAL WASTE	**67,901**	**56,519**	**111,722**	**108,961**	**5,279**	**350,382**

Local Authority Collected Waste (Tonnes) Other Estimated Adjustments

	HF	KC	LA	WA	HWRC	WRWA
HWRC Recycling Tonnage assigned to Councils	424	524	586	711	- 2,246	
Mixed Food & Garden Waste			4,500			4,500
Other Third Party Recycling	350	250	2050	500		3,150
TOTAL Local Authority Collected Waste	**68,675**	**57,293**	**118,858**	**110,172**	**3,033**	**358,032**

Household Waste Data from Waste DataFlow

Forecast after 4 Quarters of 2017/2018

*** Allocated to Consituent Councils**

	HF	KC	LA	WA	HWRC	WRWA
Residual Household Waste	36,666	38,560	58,450	73,955	3,033	210,664
HH Dry Recycling Tonnage	10,467	12,395	19,150	18,954	*	60,966
HH Compost Tonnage	895	1,278	5,672	1,978	*	9,824
Total Household Waste	48,028	52,233	83,272	94,887	3,033	281,453
HH Waste Sent for Recycling or Composting	11,362	13,673	24,822	20,932	*	70,790
Non-Household Residual Waste	19,463	6,129	31,343	10,244	-	67,180
Non-Household Recycling & Composting	1,184	- 1,069	4,243	5,041	-	9,399
Total Non-Household Waste	20,647	5,060	35,586	15,285	-	76,578
Total Local Authority Collected Waste	68,675	57,293	118,858	110,172	3,033	358,032

Demographics

	HF	KC	LA	WA	HWRC	WRWA
Population	182,998	156,726	327,910	323,257	990,891	990,891
Number of Households	87,380	88,720	140,260	142,720	459,080	459,080
Persons per Household	2.09	1.77	2.34	2.26	2.16	2.16
HH Waste per HH (kg/week)	10.6	11.3	11.4	12.8	0.1	11.8
Residual HH Waste per HH (kg/week)	8.1	8.4	8.0	10.0	0.1	8.8
Recycled/Composted HH Waste per HH (kg/week)	2.5	3.0	3.4	2.8	*	3.0
HH Waste per Resident (kg/week)	5.0	6.4	4.9	5.6	0.1	5.5
Residual HH Waste per Resident (kg/week)	3.9	4.7	3.4	4.4	0.1	4.1
Recycled/Composted HH Waste per Resident (kg/week)	1.2	1.7	1.5	1.2	*	1.4

Recycling Performance

	HF	KC	LA	WA	HWRC	WRWA
HH Dry Recycling %	21.8%	23.7%	23.0%	20.0%	*	21.7%
HH Compost %	1.9%	2.4%	6.8%	2.1%	*	3.5%
HH Recycling/composting %	23.7%	26.2%	29.8%	22.1%	*	25.2%
Municipal Recycling/composting %	18.3%	22.0%	24.5%	23.6%	*	22.4%

After 2 months of 2020/2021

General Waste Delivered (Tonnes)

	2016/2017	2017/2018	2018/2019	2019/2020	TO DATE 2020/2021	FORECAST 2020/2021	Annual Change Tonnes	Annual Change Percent	2020/2021 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	60,602	58,478	57,772	56,021	8,981	54,793	- 1,228	-2.19%	55,421	- 628	-1.13%
KC	60,292	59,730	59,581	58,209	6,966	43,543	- 14,666	-25.20%	57,965	- 14,422	-24.88%
LA	92,784	89,451	89,226	86,536	14,297	86,922	386	0.45%	86,356	567	0.66%
WA	79,034	77,251	76,028	75,666	13,486	81,490	5,824	7.70%	74,482	7,008	9.41%
WRWA	11,792	10,749	9,713	8,865	600	3,030	- 5,836	-65.83%	8,957	- 5,927	-66.17%
Total	304,504	295,660	292,321	285,298	44,330	269,778	- 15,520	-5.44%	283,180	- 13,402	-4.73%
Change		- 8,844	- 3,339	- 7,023		- 15,520					
Percentage Change		-2.90%	-1.13%	-2.40%		-5.44%					

Co-Mingled Waste Delivered (Tonnes)

	2016/2017	2017/2018	2018/2019	2019/2020	TO DATE 2020/2021	FORECAST 2020/2021	Annual Change Tonnes	Annual Change Percent	2020/2021 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	11,520	11,305	11,146	11,703	1,931	12,371	669	5.71%	11,543	828	7.17%
KC	16,307	15,889	16,087	15,961	1,798	11,487	- 4,474	-28.03%	15,995	- 4,508	-28.19%
LA	18,388	19,902	19,858	19,543	3,627	22,404	2,861	14.64%	19,078	3,327	17.44%
WA	20,180	19,900	20,173	20,355	3,698	23,669	3,315	16.29%	19,774	3,896	19.70%
WRWA	339	437	601	538	5	25	- 513	-95.29%	588	- 563	-95.69%
Total	66,733	67,433	67,864	68,099	11,060	69,957	1,858	2.73%	66,978	2,979	4.45%
Change		700	431	235		1,858					
Percentage Change		1.05%	0.64%	0.35%		2.73%					

Co-Mingled Contamination (Percentage)

	2016/2017	2017/2018	2018/2019	2019/2020	TO DATE 2020/2021	FORECAST 2020/2021	Change in Percentage Point
HF	14.02%	14.09%	15.19%	13.62%	10.80%	10.80%	-2.83%
KC	11.86%	12.23%	11.66%	10.64%	9.98%	9.98%	-0.67%
LA	13.90%	16.46%	16.40%	14.31%	12.82%	12.82%	-1.49%
WA	14.73%	14.80%	14.14%	12.78%	11.45%	11.45%	-1.34%
WRWA	13.64%	14.59%	14.57%	12.84%	13.14%	13.14%	0.29%

Co-Mingled Contamination (Tonnes)

	2016/2017	2017/2018	2018/2019	2019/2020	TO DATE 2020/2021	FORECAST 2020/2021	Annual Change Tonnes	Annual Change Percent	2017/2018 Budget Percentage	2020/2021 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	1,616	1,593	1,693	1,594	208	1,336	- 258	-16.22%	13.5%	1,555	- 219	-14.11%
KC	1,934	1,943	1,875	1,699	179	1,146	- 553	-32.55%	10.6%	1,690	- 544	-32.20%
LA	2,556	3,276	3,257	2,796	465	2,871	75	2.69%	14.0%	2,672	199	7.46%
WA	2,973	2,946	2,852	2,602	423	2,709	107	4.13%	12.7%	2,504	205	8.19%
WRWA	46	64	88	69	1	3	- 66	-95.18%	12.7%	75	- 72	-95.56%
Total	9,124	9,821	9,764	8,760	1,277	8,065	- 695	-7.93%	12.7%	8,496	- 431	-5.07%
Change		697	- 57	- 1,005		- 695						
Percentage Change		7.64%	-0.58%	-10.29%		-7.93%						

Green Waste Delivered (Tonnes)

	2016/2017	2017/2018	2018/2019	2019/2020	TO DATE 2020/2021	FORECAST 2020/2021	Annual Change Tonnes	Annual Change Percent	2020/2021 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	114	115	121	83	-	87	4	4.71%	4	84	2291.07%
KC	359	387	429	475	55	494	19	3.98%	463	31	6.74%
LA	241	298	546	733	32	1,210	477	65.09%	736	474	64.43%
WA	552	503	340	449	30	733	284	63.19%	498	235	47.22%
WRWA	3,217	3,065	3,190	3,171	293	1,252	- 1,918	-60.51%	3,186	- 1,934	-60.70%
Total	4,483	4,368	4,626	4,911	410	3,776	- 1,135	-23.11%	4,886	- 1,110	-22.72%
Change		- 115	257	285		- 1,135					
Percentage Change		-2.57%	5.89%	6.16%		-23.11%					

Clinical Waste Delivered (Tonnes)

	2016/2017	2017/2018	2018/2019	2019/2020	TO DATE 2020/2021	FORECAST 2020/2021	Annual Change Tonnes	Annual Change Percent	2020/2021 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	30	27	23	18	3	15	- 4	-19.57%	19	- 4	-21.45%
KC	3	2	2	1	0	1	- 0	-37.87%	1	- 1	-48.10%
LA	2	1	3	3	0	3	- 0	-9.04%	4	- 1	-26.71%
WA	60	65	64	66	8	53	- 13	-20.25%	66	- 13	-19.69%
WRWA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
Total	95	96	92	88	11	71	- 18	-19.97%	89	- 19	-20.81%
Change		1	- 4	- 3		- 18					
Percentage Change		0.57%	-4.14%	-3.51%		-19.97%					

Detritus Waste Delivered (Tonnes)

	2016/2017	2017/2018	2018/2019	2019/2020	TO DATE 2020/2021	FORECAST 2020/2021	Annual Change Tonnes	Annual Change Percent	2020/2021 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	813	733	611	449	53	442	- 7	-1.51%	411	31	7.59%
KC	536	499	623	1,021	131	919	- 101	-9.93%	1,222	- 302	-24.74%
LA	587	610	760	518	82	638	120	23.08%	518	121	23.30%
WA	2,482	2,539	2,992	2,841	386	2,928	87	3.05%	2,694	234	8.68%
WRWA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
Total	4,418	4,380	4,986	4,829	653	4,927	98	2.03%	4,843	83	1.72%
Change		- 38	606	- 157		98					
Percentage Change		-0.85%	13.82%	-3.15%		2.03%					

Battery Waste Delivered (Tonnes)

	2016/2017	2017/2018	2018/2019	2019/2020	TO DATE 2020/2021	FORECAST 2020/2021	Annual Change Tonnes	Annual Change Percent	2020/2021 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	1	1	1	1	-	1	0	4.71%	1	- 0	-6.67%
KC	-	-	-	-	-	-	-	0.00%	-	-	0.00%
LA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
WA	0	-	-	-	-	-	-	0.00%	-	-	0.00%
WRWA	25	22	15	24	-	-	- 24	-100.00%	31	- 31	-100.00%
Total	25	23	15	25	-	1	- 24	-97.48%	31	- 31	-97.99%
Change		- 2	- 8	10		- 24					
Percentage Change		-9.16%	-33.48%	63.14%		-97.48%					

Electrical Waste Delivered (Tonnes)

	2016/2017	2017/2018	2018/2019	2019/2020	TO DATE 2020/2021	FORECAST 2020/2021	Annual Change Tonnes	Annual Change Percent	2020/2021 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	44	15	9	20	2	47	26	128.48%	11	35	313.74%
KC	49	27	33	26	7	40	13	50.35%	21	19	91.83%
LA	194	172	122	113	38	9	- 104	-91.74%	94	- 85	-90.05%
WA	3	10	3	2	0	0	- 1	-74.07%	2	- 1	-77.07%
WRWA	806	738	751	726	7	41	- 685	-94.35%	733	- 692	-94.40%
Total	1,095	964	917	888	54	137	- 751	-84.56%	861	- 724	-84.08%
Change		- 131	- 47	- 29		- 751					
Percentage Change		-11.96%	-4.83%	-3.19%		-84.56%					

Fridge Waste Delivered (Tonnes)

	2016/2017	2017/2018	2018/2019	2019/2020	TO DATE 2020/2021	FORECAST 2020/2021	Annual Change Tonnes	Annual Change Percent	2020/2021 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	101	94	91	89	9	60	- 29	-32.34%	85	- 25	-29.52%
KC	64	61	64	51	5	33	- 17	-34.16%	54	- 21	-38.55%
LA	212	182	179	174	37	115	- 58	-33.63%	160	- 45	-27.98%
WA	123	100	96	153	9	62	- 91	-59.70%	172	- 111	-64.27%
WRWA	86	65	78	79	3	21	- 58	-73.14%	76	- 55	-72.08%
Total	587	503	507	546	63	292	- 254	-46.51%	549	- 257	-46.80%
Change		- 83	4	39		- 254					
Percentage Change		-14.19%	0.76%	7.60%		-46.51%					

Gas Bottle Waste Delivered (Tonnes)

	2016/2017	2017/2018	2018/2019	2019/2020	TO DATE 2020/2021	FORECAST 2020/2021	Annual Change Tonnes	Annual Change Percent	2020/2021 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	1	2	1	1	-	1	0	4.71%	0	0	76.91%
KC	0	1	1	1	0	2	1	87.50%	1	1	102.64%
LA	2	4	3	4	-	-	- 4	-100.00%	3	- 3	-100.00%
WA	1	2	1	1	0	2	1	108.92%	0	1	445.96%
WRWA	-	19	15	-	-	-	-	0.00%	13	- 13	-100.00%
Total	5	27	21	6	0	4	- 3	-40.79%	17	- 14	-78.40%
Change		22	- 6	- 15		- 3					
Percentage Change		461.98%	-21.99%	-70.03%		-40.79%					

Carpet Waste Delivered (Tonnes)

	2016/2017	2017/2018	2018/2019	2019/2020	TO DATE 2020/2021	FORECAST 2020/2021	Annual Change Tonnes	Annual Change Percent	2020/2021 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	-	-	-	-	-	-	-	0.00%	-	-	0.00%
KC	-	-	-	-	-	-	-	0.00%	-	-	0.00%
LA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
WA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
WRWA	-	-	269	375	-	-	- 375	-100.00%	392	- 392	-100.00%
Total	-	-	269	375	-	-	- 375	-100.00%	392	- 392	-100.00%
Change		-	269	106		- 375					
Percentage Change				39.28%		-100.00%					

Inert Waste Delivered (Tonnes)

	2016/2017	2017/2018	2018/2019	2019/2020	TO DATE 2020/2021	FORECAST 2020/2021	Annual Change Tonnes	Annual Change Percent	2020/2021 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	-	-	-	5	-	6	0	4.71%	-	6	0.00%
KC	2	-	-	-	-	-	-	0.00%	-	-	0.00%
LA	10	-	1	2	-	2	0	4.71%	2	1	41.58%
WA	4	23	0	15	0	16	1	7.47%	11	6	53.77%
WRWA	1,061	1,212	1,624	1,677	15	80	- 1,597	-95.20%	1,803	- 1,723	-95.54%
Total	1,076	1,235	1,625	1,700	15	105	- 1,595	-93.83%	1,816	- 1,711	-94.22%
Change		158	390	75		- 1,595					
Percentage Change		14.72%	31.62%	4.61%		-93.83%					

Oil/Paint Waste Delivered (Tonnes)

	2016/2017	2017/2018	2018/2019	2019/2020	TO DATE 2020/2021	FORECAST 2020/2021	Annual Change Tonnes	Annual Change Percent	2020/2021 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	-	-	0	-	-	-	-	0.00%	-	-	0.00%
KC	-	-	-	-	-	-	-	0.00%	-	-	0.00%
LA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
WA	-	0	-	-	-	-	-	0.00%	-	-	0.00%
WRWA	17	15	17	17	-	-	- 17	-100.00%	18	- 18	-100.00%
Total	17	15	17	17	-	-	- 17	-100.00%	18	- 18	-100.00%
Change		- 1	1	0		- 17					
Percentage Change		-8.08%	9.04%	2.73%		-100.00%					

Paper/Cardboard Waste Delivered (Tonnes)

	2016/2017	2017/2018	2018/2019	2019/2020	TO DATE 2020/2021	FORECAST 2020/2021	Annual Change Tonnes	Annual Change Percent	2020/2021 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	-	-	-	-	-	-	-	0.00%	-	-	0.00%
KC	-	-	-	-	-	-	-	0.00%	-	-	0.00%
LA	321	484	439	423	62	413	- 10	-2.30%	387	27	6.88%
WA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
WRWA	806	827	793	962	26	178	- 784	-81.53%	977	- 799	-81.82%
Total	1,127	1,311	1,232	1,385	88	591	- 794	-57.33%	1,364	- 773	-56.67%
Change		185	- 79	152		- 794					
Percentage Change		16.39%	-6.02%	12.35%		-57.33%					

Scrap Metal Waste Delivered (Tonnes)

	2016/2017	2017/2018	2018/2019	2019/2020	TO DATE 2020/2021	FORECAST 2020/2021	Annual Change Tonnes	Annual Change Percent	2020/2021 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	11	13	4	19	3	79	60	311.69%	5	74	1425.05%
KC	1	1	1	0	-	0	0	4.71%	-	0	0.00%
LA	150	115	112	114	5	1	- 113	-99.38%	122	- 121	-99.42%
WA	0	2	0	4	4	8	4	104.71%	0	7	3378.29%
WRWA	697	687	721	666	9	33	- 633	-95.04%	658	- 625	-94.98%
Total	859	818	837	803	20	121	- 683	-84.98%	786	- 665	-84.64%
Change		- 42	20	- 34		- 683					
Percentage Change		-4.86%	2.42%	-4.08%		-84.98%					

Textile Waste Delivered (Tonnes)

	2016/2017	2017/2018	2018/2019	2019/2020	TO DATE 2020/2021	FORECAST 2020/2021	Annual Change Tonnes	Annual Change Percent	2020/2021 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	-	-	-	-	-	-	-	0.00%	-	-	0.00%
KC	-	-	-	-	-	-	-	0.00%	-	-	0.00%
LA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
WA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
WRWA	209	205	234	254	5	27	-227	-89.29%	257	-230	-89.44%
Total	209	205	234	254	5	27	-227	-89.29%	257	-230	-89.44%
Change		-5	30	20		-227					
Percentage Change		-2.25%	14.42%	8.46%		-89.29%					

Tyre Waste Delivered (Tonnes)

	2016/2017	2017/2018	2018/2019	2019/2020	TO DATE 2020/2021	FORECAST 2020/2021	Annual Change Tonnes	Annual Change Percent	2020/2021 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	0	0	0	1	-	1	0	4.71%	-	1	0.00%
KC	0	0	-	-	-	-	-	0.00%	-	-	0.00%
LA	8	12	12	8	1	4	-4	-53.95%	7	-3	-47.64%
WA	2	1	1	1	0	1	0	24.80%	1	0	16.86%
WRWA	-	-	0	-	-	-	-	0.00%	-	-	0.00%
Total	11	13	13	9	1	5	-4	-44.49%	7	-3	-33.89%
Change		2	1	-5		-4					
Percentage Change		13.45%	4.52%	-34.03%		-44.49%					

Wood Waste Delivered (Tonnes)

	2016/2017	2017/2018	2018/2019	2019/2020	TO DATE 2020/2021	FORECAST 2020/2021	Annual Change Tonnes	Annual Change Percent	2020/2021 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	-	-	-	-	-	-	-	0.00%	-	-	0.00%
KC	-	1	1	1	-	1	0	4.71%	1	0	5.13%
LA	273	245	251	140	-	-	-140	-100.00%	200	-200	-100.00%
WA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
WRWA	3,223	3,165	3,474	3,773	103	591	-3,182	-84.33%	4,041	-3,450	-85.38%
Total	3,496	3,411	3,726	3,913	103	592	-3,321	-84.88%	4,242	-3,650	-86.05%
Change		-86	315	187		-3,321					
Percentage Change		-2.45%	9.24%	5.02%		-84.88%					

Total Waste Delivered (Tonnes)

	2016/2017	2017/2018	2018/2019	2019/2020	TO DATE 2020/2021	FORECAST 2020/2021	Annual Change Tonnes	Annual Change Percent	2020/2021 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	73,236	70,785	69,779	68,410	10,981	67,901	-509	-0.74%	67,500	401	0.59%
KC	77,613	76,597	76,822	75,746	8,961	56,519	-19,227	-25.38%	75,721	-19,202	-25.36%
LA	113,172	111,477	111,510	108,311	18,183	111,722	3,411	3.15%	107,665	4,057	3.77%
WA	102,442	100,395	99,698	99,551	17,622	108,961	9,410	9.45%	97,699	11,262	11.53%
WRWA	22,277	21,208	21,494	21,128	1,066	5,279	-15,849	-75.02%	21,731	-16,452	-75.71%
Total	388,741	380,462	379,303	373,146	56,813	350,382	-22,764	-6.10%	370,316	-19,935	-5.38%
Change		-8,279	-1,159	-6,157		-22,764					
Percentage Change		-2.13%	-0.30%	-1.62%		-6.10%					

Comptroller and City Solicitor
Michael Cogher LLB (Hons), Dip.L.G., Solicitor
Comptroller and City Solicitor

CITY OF LONDON

Attn: Deputy General Manager
Western Riverside Waste Authority.

Via e-mail : "Sharon@wrwa.gov.uk"

Telephone +44 (0)20 7332 1667
Fax +44 (0)20 7332 1992

Our ref BEN008/004_IAH

Date 5th May 2020

Dear Sirs,

Re: Hazardous Waste Collection pursuant to the Environmental Protection Act 1990 managed on your (and other Authorities) behalf by the City under powers given by S.101 of the Local Government Act 1972

Pursuant to existing arrangements under the London Wide collection and disposal of Hazardous waste project made with your Authority and others, the City has recently tendered for a new service for a 5 year term to commence 1st October 2020.

The Western Riverside Waste Authority is a statutory waste authority comprised of, and acting for and on behalf of, both jointly and severally, the London Boroughs of Hammersmith & Fulham, Kensington & Chelsea, Lambeth and Wandsworth (WRWA). I understand that WRWA wishes to continue this arrangement whereby the City manages such waste collection on its behalf.

Accordingly, I attach Terms and Conditions respecting the proposed Agreement between us.

I also attach the terms and conditions applicable to the waste collection contractor and you will note I have taken care not to exclude any third party rights to that contract you may have or might acquire. I will, of course, provide a copy of the contract with the main contractor when same is completed.

I consider also that it would be expedient to treat this letter as the Agreement between us and would be grateful if you could confirm your acceptance of, and agreement to, this, by arranging for this letter Agreement to be signed by a duly authorised signatory and returned to this office for my attention.

In view of the ongoing Covid 19 restrictions, it is assumed you have no objection to dealing with this by electronic means. Therefore, if the letter Agreement could be signed and a scanned copy returned I will arrange for same to be signed on behalf of the City re-scanned and returned to you, retaining a copy for our use, thereby constituting an exchange.

All existing Agreements between us relating to this matter will thereby Terminate on 30th September 2020, any remaining liabilities and/or obligations of either party, under previous arrangements will be subsumed into this new Agreement.

The Terms and Conditions referred to above and annexed hereto are deemed to be incorporated herein and forming part of this Letter Agreement.

If you wish to discuss the matter in any way please do not hesitate to contact me.

Yours sincerely

Ian Hill

Ian Hill
Senior Lawyer
For Comptroller and City Solicitor

For and on behalf of
the City and being duly authorised
I hereby accept and agree the
Terms herein

……

Paul Chadha
Assistant City Solicitor

For and on behalf of the
Western Riverside Waste Authority
and being duly authorised
I hereby accept and agree the
Terms herein

……
Name:

Status:

Examined	IAH	
Ctee/Court	**Delegated**	

	Port Health & Environmental		
Date	**7th August 2019**		
Passed for Sealing		N/A	
Fund	**City Fund**		
Power	**S.101 Local Government Act 1972** **S.45 Environmental protection Act 1990**		
Seal Folio No.		N/A	

TERMS AND CONDITIONS GOVERNING AN AGREEMENT

BETWEEN

THE CITY OF LONDON CORPORATION ("THE CITY")

AND

VARIOUS LONDON WASTE COLLECTION/DISPOSAL AUTHORITIES

Relating to the collection and disposal

of hazardous waste

THESE TERMS govern the management of the London wide hazardous waste collection and disposal service ("the Service") provided and managed by the Mayor and Commonalty and Citizens of the City of London ("the City") of Guildhall London EC2P 2EJ on behalf of various London Waste Collection/Disposal Authorities listed at Schedule 3 hereto ("the Subscribing Authorities")

WHEREAS:-

1. Each of the Subscribing Authorities is a waste collection and/or waste disposal authority and has a duty to collect and/or dispose of waste (including hazardous waste) arising within the boundaries of the geographical area for which they are responsible. Such duty arises under, inter alia, the provisions of Section 45 of the Environmental Protection Act 1990 (as may subsequently be amended).
2. With effect from 30 March 1998 the City by agreement with the Subscribing Authorities undertook to manage a hazardous waste collection and disposal service for those Authorities.
3. The existing arrangement between the City and the Subscribing Authorities, having been extended from time to time by consent and performance, will now expire on 30 September 2020.
4. The City on behalf of itself, and of the Subscribing Authorities, is undertaking a Tender exercise for the hazardous waste collection and disposal service and will award a new contract to commence October 1st 2020 to the successful tenderer, the identity of which waste collection and disposal contractor will, when known, be advised to the subscribing authorities.
5. A copy of the terms and conditions applicable to the new hazardous waste collection contract have been provided to each subscribing Authority receipt of which is acknowledged.
6. In order to regularise the continued provision of the aforesaid arrangements and in recognition of the respective duties of the City and the Authorities the parties hereto have agreed in pursuance of the powers contained in Section 5 of the London Government Act 1963 and Section 101 of the Local Government Act 1972 and all other powers enabling that in respect of the collection and disposal of hazardous waste the City will discharge certain functions of the Authorities subject to the provisions of the following terms:-

TERMS AND CONDITIONS:-

1. <u>DEFINITIONS</u>

In these terms and conditions:

"Annual Standing Charge" means the charge calculated by reference to clause 4.2 of these conditions.

"Commencement Date" means the 1st day of October 2020.

"the Contractor" means the company undertaking the collection and disposal of Hazardous Waste (as defined below) by virtue of a Contract to be made between the City and the Contractor(s) (the Contract).

"Council tax base" has the same meaning as in the Local Government Finance Act 1992

"Customer" means the following categories of producers of Hazardous Waste (as defined below) situate within the geographical area of the respective Subscribing Authority (as defined below):- householders charities local authorities schools and other educational establishments police and fire brigade (in respect of incidents) private companies and armed forces

"Hazardous Waste" means the materials listed in Schedule 1 hereto

"Licensed Sites" means the sites to which the Hazardous Waste is taken by the Contractor(s)

"the Subscribing Authorities" shall mean the City and those Authorities which enter into an Agreement with the City subscribing to the Service (as defined below)

"the Services" shall mean the collection of, and the delivery to Licensed Sites of, Hazardous Waste from Customers located within the administrative area of the Subscribing Authorities.

"the Term" means a period of 5 years from the Commencement Date except that the Term may be extended for further periods by agreement between the parties.

2. DELEGATION OF FUNCTIONS

In pursuance of the powers contained in Section 5 of the London Government Act 1963 and Section 101 of the Local Government Act 1972 and all other powers enabling the City and the Subscribing Authorities have agreed that the City will for the Term beginning on the Commencement Date discharge the functions of the Subscribing Authorities under Sections 45 and 51 of the Environmental Protection Act 1990 in respect of the collection and disposal of Hazardous Waste

3. MANAGEMENT OF THE SERVICE

3.1 In consideration of the payment of the amounts due from time to time from the Subscribing Authorities pursuant to these terms the City shall take all reasonable steps to facilitate the provision of the Service for the Term and will in particular:-

3.1.1 continue to employ sufficient staff to co-ordinate the Service

3.1.2 provide such professional administrative and technical support services as may reasonably be required

3.1.3 hold such real or personal property as may reasonably be necessary

3.1.4 enter into appropriate tendering arrangements pursuant to the Public Contracts Regulations 2006 and the Environmental Protection Act 1990 for the selection of a suitable Contractor or Contractors to carry out the Service during the Term

3.1.5 make arrangements for the successful Contractor(s) to liaise as necessary to provide the Service to the Subscribing Authorities

3.1.6 confirm to each Subscribing Authority the Annual Standing Charge and schedule of costs for collections to be made for the year beginning on the Commencement Date and for each year thereafter

3.1.7 ensure that all monies received from the Subscribing Authorities are kept (in company with other monies received in connection with the Service) in a separate trading account until such time as those monies are paid out in connection with the Service

3.1.8 maintain and provide to the Subscribing Authorities records of their costs of the Service

3.1.9 invoice the Subscribing Authorities as hereafter appears

3.1.10 comply in all respects with its obligations under the Contract and with the terms and conditions thereto

4. THE SUBSCRIBING AUTHORITIES

4.1 Each Subscribing Authority shall in respect of each year of the Term pay to the City within twenty eight days of receipt of the City's invoice their proportionate share of the Annual Standing Charge together with any VAT properly due

4.2 The Annual Standing Charge for providing the Service shall be the total of

(1) any retainer or the like paid or to be paid to the Contractor(s)

(2) the full costs of employing the staff referred to in clause 3.1.1 above

(3) all other reasonable costs incurred or to be incurred by the City and associated solely with the provision of the Service

4.3 The method for calculating the proportionate share of the Annual Standing Charge shall be by apportioning the costs determined under clause 4.2 above between all the Subscribing Authorities in the same proportions that the aggregate of the Council tax base of each Subscribing Authority bears to the aggregate of the Council tax bases of all of the Subscribing Authorities

4.4 Each Subscribing Authority shall pay to the City quarterly in arrears within twenty eight days of receipt of the City's invoice the sum due pursuant to the schedule of costs for collections for the collections provided for the respective Subscribing Authority during the preceding quarter together with any VAT properly due

4.5 The City shall be entitled to adjust the Annual Standing Charge or schedule of costs for collections at any time to take account of any change in the sums which it incurs in providing the Service or adjustments to the schedule of costs for collections to which the Contractor(s) become entitled under their Contract(s) with the City

4.6 Any overpayments or underpayments made by each Subscribing Authority taking into account payments made at the start of each year will be settled with the final quarter's charge for each year of the Term or on the earlier termination of the Services in any such year

5. CESSATION OF SERVICE

5.1 In the event of circumstances arising which lead to the cessation of the Service

(1) all reasonable endeavours will be made by the Subscribing Authorities to redeploy any member(s) of staff then employed by the City solely in connection with the provision of the Service In the event of redeployment not being possible then each Subscribing Authority in company with the other Subscribing Authorities will bear the costs of any resultant staff redundancy costs on the basis hereafter appearing

(2) the value (if any) of all assets held by the City solely for the purpose of providing the Service shall be realised and applied to meeting all outstanding debts liabilities (including where applicable redundancy payments) and costs incurred or to be incurred in relation to the Service

(3) in the event of there being a shortfall between the sum realised pursuant to sub-clause (2) above and the total of any outstanding debts liabilities (including where applicable redundancy payments) and costs then such shortfall shall be met by each of the Subscribing Authorities paying a share of such shortfall proportionate to their Council tax base The relevant proportion shall be calculated by adopting the method in Clause 4.3 above

(4) in the event of there being a surplus between the sum realised pursuant to sub-clause (2) above and the total of any outstanding debts liabilities (including where applicable redundancy payments) and costs then such surplus shall be distributed between the

Subscribing Authorities in shares proportionate to their Council tax bases The relevant proportion shall be calculated by adopting the method in Clause 4.3 above

6. INDEMNITY AND INSURANCE

6.1 Each Subscribing Authority will in company with all other Subscribing Authorities indemnify the City in respect of all costs expenses and liabilities incurred directly or indirectly as a result of the performance of the City's duties described herein (save where such costs expenses or liabilities arise from the negligence of the City) PROVIDED ALWAYS that each Subscribing Authority shall be liable only for a proportionate share of such costs expenses or liability in proportion to their Council Tax base. The relevant proportion shall be calculated by adopting the method in Clause 4.3 above

6.2 Each Subscribing Authority's liability to indemnify the City under clause 6.1 shall apply only to the extent that the City shall not be able to recover under any indemnity given by the Contractor(s) and/or their or the City's insurers

6.3 The City shall in respect of the Service and for the Term maintain a Public Liability Insurance policy with reputable insurers with a limit of cover of not less than £10,000,000.00 (TEN MILLION POUNDS) and shall take all reasonable steps to ensure that the Contractor maintains third party insurance cover for the same amount throughout the Term

6.4 The City will indemnify each Subscribing Authority and keep it indemnified from and against all losses costs expenses and liabilities arising directly out of or in connection with the City's negligent performance of this agreement or the negligent exercise by the City of the functions delegated to it by the Subscribing Authorities

7. TERMINATION

The City may at any time terminate the provision of the Service by giving to any Subscribing Authority not less than six months' notice in writing

IN ACKNOWLEDGEMENT whereof the parties accept and agree to these terms and conditions by signing an Agreement Letter, referencing and incorporating these terms and conditions, in the format set out and annexed hereto at Schedule 2.

SCHEDULE 1

Hazardous Waste

Asbestos Waste This Agreement applies to:-

(1) Waste material containing asbestos fibres bound within a cement matrix.

(2) Loose fibrous asbestos waste material (provided the same is contained within one sealed bag not exceeding 80 litres in volume)

Chemical Waste This Agreement applies to:-

- Inorganic solids liquids and gases
- Organic liquids and solvents including flammable substances
- Organic peroxides
- Acids
- Alkalis
- Cyanides
- Water or air reactive chemicals
- Oxidising agents
- Reducing agents
- Pesticides
- Pharmaceuticals

This Agreement and the relevant Contract for the Service relating to Chemicals shall not apply to:-

- Explosives
- Nerve Gas
- Polychlorinated biphenyl compounds (PCBs)
- Pressurised vessels (including gas cylinders and cartridges)
- Radioactive waste, including low level radioactive materials (such as Uranyl acetate/nitrate)
- Clinical waste including biological specimens
- Flammable filmstock (cellulose acetate)

Additional Acceptable Wastes

The following wastes can be dealt with by the Chemical Waste Contract from Re-use and Recycling Centres/Household Waste Sites, fly tips and private companies.

- Car Batteries
- Pressurised vessels (including gas cylinders and cartridges)
- Car tyres (not greater than ten)

SCHEDULE 2

Agreement Letter Format

Comptroller and City Solicitor
Michael Cogher LLB (Hons), Dip.L.G., Solicitor
Comptroller and City Solicitor

CITY OF LONDON

Various Boroughs

Telephone +44 (0)20 7332 1667
Fax +44 (0)20 7332 1992

Our ref BEN008/004_IAH

Date April 2020

Dear Sirs,

Re: Hazardous Waste Collection pursuant to the Environmental Protection Act 1990 managed on your (and other Authorities) behalf by the City under powers given by S.101 of the Local Government Act 1972

Pursuant to existing arrangements under the London Wide collection and disposal of Hazardous waste project made with your Authority and others, the City has recently tendered for a new service for a 5 year term to commence 1st October 2020.

I understand that you wish to continue this arrangement whereby the City manages such waste collection on your behalf.

Accordingly, I attach Terms and Conditions respecting the proposed Agreement between us.

I also attach the terms and conditions applicable to the waste collection contractor and you will note I have taken care not to exclude any third party rights to that contract you may have or might acquire. I will, of course, provide a copy of the contract with the main contractor when same is completed.

I consider also that it would be expedient to treat this letter as the Agreement between us and would be grateful if you could confirm your acceptance of, and agreement to, this, by arranging for this letter Agreement to be signed by a duly authorised signatory and returned to this office for my attention.

In view of the ongoing Covid 19 restrictions, it is assumed you have no objection to dealing with this by electronic means. Therefore, if the letter Agreement could be signed and a scanned copy returned I will arrange for same to be signed on behalf of the City re-scanned and returned to you, retaining a copy for our use, thereby constituting an exchange.

All existing Agreements between us relating to this matter will thereby Terminate on 30th September 2020, any remaining liabilities and/or obligations of either party, under previous arrangements will be subsumed into this new Agreement.

City of London PO Box 270, Guildhall, London EC2P 2EJ
Switchboard 020 7606 3030
www.cityoflondon.gov.uk

Lexcel

The Terms and Conditions referred to above and annexed hereto are deemed to be incorporated herein and forming part of this Letter Agreement.

If you wish to discuss the matter in any way please do not hesitate to contact me.

Yours sincerely

Ian Hill

Ian Hill
Senior Lawyer
For Comptroller and City Solicitor

For and on behalf of
the City and being duly authorised
I hereby accept and agree the
Terms herein

……
Assistant City Solicitor

For and on behalf of
the Authority and being duly authorised
I hereby accept and agree the
Terms herein

……
Name:

Status:

SCHEDULE 3

List of Subscribing Authorities

Barnet
Barking & Dagenham (see ELWA)
Bexley
Brent
Bromley
Camden
City of London
Croydon
Ealing
ELWA (East London Waste Authority)
Enfield
Greenwich
Hackney
Hammersmith & Fulham (see WRWA)
Havering (see ELWA)
Haringey
Harrow
Hounslow
Islington
Kensington & Chelsea (see WRWA)
Kingston
Lambeth (see WRWA)
Lewisham
Merton
Newham (see ELWA)
Redbridge (see ELWA)
Richmond upon Thames
Southwark
Sutton
Tower Hamlets
Waltham Forest
Wandsworth (see WRWA)
WRWA (Western Riverside Waste Authority)
Westminster

SCHEDULE 4

Main Terms & Conditions between the City and collection Contractor

LONDON WIDE COLLECTION AND DISPOSAL
OF HAZARDOUS WASTE CONTRACT 2020 ONWARDS

CONDITIONS OF CONTRACT



Contract Document
- Item B_Conditions

Western Riverside Waste Authority

Clerk: Martin Walker
General Manager: Mark Broxup

Western Riverside Transfer Station,
Smugglers Way, Wandsworth, LONDON SW18 1JS

Telephone: 020 8871 2788 E-Mail: info@wrwa.gov.uk

Web: www.wrwa.gov.uk

Contact: mark@wrwa.gov.uk

Date: 25th February 2020

London Waste and Recycling Board,
69 Wilson St,
Finsbury,
London EC2A 2BB

For the attention of Dr Liz Goodwin OBE, Chair of the London Waste and Recycling Board

Dear Ms. Goodwin,

RE: A REQUEST FOR A LONDON-WIDE WASTE PREVENTION COMMUNICATION CAMPAIGN

At the Western Riverside Waste Authority (WRWA) Committee meeting in January 2020, Members agreed that I should write to LWARB to request that the Board consider the introduction of a regional (London-wide) Waste Prevention Communications campaign. Having looked through your website, and that of Resource London, I can see that Waste Prevention is an objective in your 2019/2020 business plan and that effort has been made to promote Waste Prevention on the London Recycles website but WRWA believes that a greater priority should be given to communicating Waste Prevention across London and propose that you consider putting Waste Prevention at the heart of your 2020 -2025 business plan.

Whilst recycling is a very successful way of reducing environmental impact and costs related to waste disposal, Waste Prevention is at the top of the waste hierarchy and delivers the best environmental option as it negates the need for the manufacturing activities involved in recycling, reduces carbon emissions, removes the use of hazardous materials, reduces waste management costs, and is key to moving towards a more sustainable economy.

Over the last 12 months, WRWA has been running a Waste Reduction campaign called 'End of the Line for Waste' that focuses on reducing Food Waste, Garden Waste and Single-Use Plastics. North London Waste Authority and West London Waste Authority also manage substantial Waste Prevention Campaigns and I understand that East London Waste

Authority plans to commence a campaign. As these Authorities cover the majority of London's population it seems that a coordinated and consistent London-wide Waste Prevention campaign would be valuable. The London Waste Disposal Authorities could continue to promote a London-wide campaign and benefit from the communications expertise that Resource London employ.

Scotland's Zero Waste Prevention programme is a good example of a comprehensive regional initiative that proactively places Waste Prevention at the heart of its Circular Economy Strategy. It also appears to have achieved great results as they state on their website that they have reduced food waste by transforming attitudes to food waste and have helped to reduce household food waste by 7% between 2011 and 2015.

A well-branded campaign that fits in with a contemporary lifestyle, where people are trying to optimise their time and reduce their costs, fits with the ethos behind minimalism and sustainability that Waste Prevention promotes. Encouraging good purchasing decisions, researching innovative waste reduction and highlighting how to prevent materials from entering the home or business in the first place could formulate the basis of a strong campaign.

If a London-wide campaign encouraged Londoners and London Businesses to take simple practical measures to change their behaviours to prevent waste this could result in thousands of tonnes of waste from being generated with the potential to save council taxpayers across London millions of pounds each year.

My officers and I would be happy to discuss this further. If you feel a meeting would be useful please contact Sharon Ross on 0208 8875 8882 or Sharon@wrwa.gov.uk.

Yours sincerely,

COUNCILLOR JAMES HUSBAND
CHAIRMAN OF WRWA

c.c. Councillor Guy Senior, Board Member WRWA & LWARB

Mark Broxup, General Manager WRWA

Western Riverside Waste Authority

Clerk: Martin Walker
General Manager: Mark Broxup

Western Riverside Transfer Station,
Smugglers Way, Wandsworth, LONDON SW18 1JS

Telephone: 020 8871 2788 E-Mail: info@wrwa.gov.uk

Web: www.wrwa.gov.uk

Contact: mark@wrwa.gov.uk

Date: 19th February 2020

Paul Martin,
Chief Executive,
The Town Hall,
Wandsworth High Street,
LONDON SW18 2PU

Dear Chief Executive,

RE: WESTERN RIVERSIDE WASTE AUTHORITY (WRWA) : CONSULTATION FUTURE ARRANGEMENTS RE: CLERK AND TREASURER, PLUS THE PROVISION OF ADMINISTRATION AND FINANCE FUNCTIONS.

I have been instructed by WRWA to consult each constituent authority regarding first, future appointments to the posts of Clerk and Treasurer and second, the future provision of administration and finance functions including the provision of Deputies respectively to the positions of Clerk and Treasurer. The current contracts of both the Clerk and the Treasurer are due to cease on 31st March 2021, and it is intended that WRWA should decide all relevant future arrangements at its meeting in September 2020.

The purpose of this letter, therefore, is to ask whether your Council would wish to:

a) propose appropriate officers for the posts of Clerk and/or Treasurer, and/or

b) undertake the administration and finance functions required by WRWA, which would also involve the appointment of Deputies to both the Clerk and Treasurer?

I set out below a summary of the key duties of both posts, and a brief description of the required administrative and finance functions. Fuller details are contained in the attached Report WRWA 883 (in particular, see Appendix B Re: the SLA and Appendix C Re: Job Descriptions).

Duties of the Clerk:

The Clerk reports directly to the Chairman of the Authority and the main duties are to:

a) ensure the effective and efficient administration of WRWA's business;

b) act as Monitoring Officer (S 5 Local Government & Housing Act 1989);

c) carry out the Proper Officer functions specified in WRWA's standing orders.

It is essential that the Clerk:

1) has experience of similar local authority work at a senior level;

2) understands relevant local government law and administrative practice, and has a clear understanding of the role of Members;

3) has the personal skills, as required, to lead the officer team and to advise Members.

Duties of the Treasurer:

The Treasurer reports directly to the Chairman and advises and supports him/her in the financial affairs of WRWA, the main duties are to:

a) receive all monies due to WRWA (S 115(2) Local Government Act 1972);

b) be responsible for the proper administration of WRWA's financial affairs (S 73(1) Local Government Act 1985 and S 114 Local Government Finance Act 1988);

c) carry out the Proper Officer functions specified in WRWA's standing orders.

It is essential that the Treasurer:

1) is a member of one of the accounting bodies specified in Section 113 Local Government Act 1988;

2) has experience of local authority finance at a senior level;

3) has the personal skills to provide clear, authoritative and impartial financial advice to Members.

Time requirement for the Clerk and the Treasurer: It is estimated that the roles of Clerk and Treasurer involve a personal time commitment each of approximately 20-25 days a year, in normal circumstances.

Administration and Finance Functions:

Administrative support to the Clerk is provided by the Deputy Clerk, who arranges meetings, prepares agendas and produces minutes of meetings, and also maintains the register of interests, standing orders etc.

Financial support to the Treasurer is provided by the Deputy Treasurer who acts as WRWA's accountant - overseeing and advising on day-to-day financial operations, payroll, debt management, treasury management, budget and levy setting, pensions, government returns,

preparing the financial accounts and liaising with internal/external auditors. The financial and payroll arrangements are hosted on Wandsworth's systems and would need to be transferred to the new host borough in the event of a decision to move.

Additionally, Human Resources provides advice on recruitment and employee matters, including occupational health.

Time requirement for the Deputy Clerk and the Deputy Treasurer: It is estimated that the roles of Deputy Clerk and Deputy Treasurer involve a personal time commitment of approximately 50 days and 80 days a year respectively, in normal circumstances.

Payments:

The Clerk and Treasurer are each paid £ 11,444 p.a.(2019/20) and are employees of the Authority. The Deputy Clerk and Deputy Treasurer are currently employees of Wandsworth BC and are each paid a sum by that Council for their additional duties with WRWA. In 2018/19 Wandsworth BC re-charged WRWA £37,000 and £55,000 respectively for the administrative and finance support provided.

I should be grateful if you would please indicate by 17th April 2020 whether or not your Council wishes to propose officers for the posts of Clerk and/or Treasurer (and their respective Deputies), and/or to undertake the specified administrative and finance functions. In the first instance please direct any general questions you may have to Mark Broxup, General Manager at WRWA (Mark@wrwa.gov.uk Tel: 020 8871 2788). In the event that you would find a meeting helpful before deciding your response, Mr Buss (Treasurer); Mr Broxup and I would, of course, be happy to meet you/relevant officers - please contact Mr Broxup to make the necessary arrangements.

Yours sincerely,

pp SRB

MARTIN WALKER
CLERK TO WRWA