ITEM 4

WRWA 888

WESTERN RIVERSIDE WASTE AUTHORITY

MEETING	16th September 2019
REPORT AUTHOR/DATE	General Manager *(Contact Mark Broxup - Tel. 020 8871 2788)* 6th September 2019
SUBJECT	Report outlining progress with operations and other matters since the previous meeting of the Authority.
CONTENTS	Page 1 Executive Summary Pages 1 to 7 Items reported on Page 7 Recommendations Pages 8 – 18 Appendix A - Performance Monitoring Graphs Pages 19 - 20 Appendix B – Examples of Recycle Week campaign artwork Page 21 Appendix C – A brief snapshot of End of the Line for Waste Social Media videos Page 22 Appendix D – A map showing where in the UK and EU the materials are being sent for reprocessing Pages 23-24 Appendix E – examples of What happens to your recycling artwork
STATUS	Open

BACKGROUND PAPERS	None

EXECUTIVE SUMMARY

1. This paper brings Members up to date on operational and other matters which, in themselves, do not warrant production of a separate paper. The majority of these matters are for Members' information, but where approval is sought this is referred to in the report. The specific matters covered in this report are:-

    a) Operations
    b) Performance Monitoring
    c) Recycle Western Riverside Communications Progress Report
    d) Resource and Waste Strategy
    e) Constituent Council New Recycling Initiatives
    f) Members Visit
    g) Authority Office Refurbishment
    h) Items costing between £5,000 and £30,000

OPERATIONS

Transfer Stations/ Materials Recycling Facility (MRF)

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

Fire at Smugglers Way

3. On 30th July 2019, at approximately 14:30, a fire alarm was activated due to fire being identified in a hopper in the main transfer station (not the Materials Recycling Facility). The site was evacuated immediately, the London Fire Brigade (LFB) attended and dealt with the fire quickly and the site was back in operation within the hour. Following an investigation it was revealed that the fire had originated from a vehicle disposing of bulky waste which had been delivered to the Household Waste and Recycling Centre, but the ignition source could not be identified. There were no resulting injuries or significant damage to equipment. All Borough vehicles were diverted to Cringle Dock while the fire was being dealt with.

PERFORMANCE MONITORING

Introduction

4. Detailed performance monitoring is shown in Appendix A 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

5. 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 93% 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 16% of the delivered tonnage, but only accounts for 4% of the Authority's costs.

6. The outturn figure for General Waste for 2018/19 was 1.1% less when compared to 2017/18. The outturn figure 2018/19 for Co-Mingled material was 0.6% less than 2017/18.

7. From tonnage data to date we are predicting a 2.71% reduction in total waste handled by the Authority in 2019/20 from that budgeted for and a 3.36% reduction in General Waste. However, these predictions are only based on the actual tonnage up until 31st July 2019. The levels of reductions in General Waste vary across the constituent councils, with Hammersmith & Fulham at 4.1%, Kensington and Chelsea also at 4.1%, Lambeth at 2.8% and Wandsworth predicted at 2.5%.

8. The General Waste for 2019/20 at the Household Waste and Recycling Centre is currently forecast to be 6.6% below that predicted in the budget. However, these figures are likely to change over the year as there is a great deal of seasonality in the HWRC figures.

9. The predicted tonnage of co-mingled recycling collected by Hammersmith & Fulham is on target, Kensington and Chelsea is currently forecast to be down by less than 1%, Lambeth is down by 4.4% and Wandsworth is down by 4.3% on the predicted forecast for 2019/20.

RECYCLE WESTERN RIVERSIDE (RWR) 2019/20 – Progress Report

Recycle Week 2019 External Funding

10. After consultation with the Borough Technical Officers, Authority officers submitted a funding application to Resource London for £20,000 for communications activity during Recycle Week which will take place between Monday 23rd and Sunday 29th September 2019. The application requested the maximum available amount, of £5,000 per borough, for bus shelter and poster advertising and online mobile advertising.

11. On 2nd August 2019, Resource London offered the Authority a funding offer of £10,000, which equates to £2,500 per borough. £10,000 match funding will be added to the award, as approved by Members at the Authority meeting on 30th January 2019. This will provide sufficient bus shelter and poster advertising and online mobile advertising across the four Boroughs during the campaign. Resource London reported that they had received a large number of applications from the Councils and Waste Disposal Authorities across London which resulted in greatly reduced funding offers.

12. The main funding condition is that only approved "Recycle for London" communications materials must be used. The theme and creative approach is called 'Recycling – it's in our own hands!'. The focus is to encourage people to take action and the campaign has been designed to have a grassroots, activist look and feel. Recycle Week aims to build upon the sense of urgency and momentum generated over the past year by environmental campaigners, including Sir David Attenborough. Appendix B provides examples of the campaign designs.

End of the Line for Waste Campaign

13. The planned 'End of the Line for Waste' summer public events took place in July and August 2019. These consisted of a trained team of staff approaching members of the public to motivate them to reduce their waste and give out either a branded reusable water bottle or coffee cup to residents that fully engaged with the team. All events yielded good engagement results and the individual events are detailed below:

    - Hammersmith and Fulham – the team were located in the West 12 shopping centre in Shepherds Bush from 26th to 28th July and generated over 1,000 quality engagements with residents.
    - Lambeth – the team were located at the WHOA! Café in Waterloo on 8th August and this yielded over 400 quality engagements with residents and a second event is planned to take place at the Barnardo's Store on Brixton Road on either the 14th September.
    - Wandsworth – the team were located in the Southside Shopping Centre in Wandsworth Town from 2nd to 4th August and produced just under 1,000 quality engagements.
    - Kensington and Chelsea – the team were located at Brompton Library on 16th August and Kensington Central Library on 17th August and achieved 382 quality engagements.

Social Media

14. A number of short videos, ranging from one minute to three minutes in length (28 in total), have been produced that have been designed specifically for social media platforms; these include interviews with residents talking about reducing waste and many are light-hearted and humorous, e.g. one discusses what to do with leftover food waste (the 'Bubble and Squeak Debate'). With effect from week commencing 26th August 2019, two videos will be posted weekly on Facebook and Instagram and

will be supported using paid for page boosts to get them out to residents using location-based information. Appendix C provides a brief snapshot of all the videos.

What Happens to Your Recycling – A Recycling Campaign

15. At the last Authority meeting it was reported that, following a procurement exercise, Chocolate Films, a video production company based in Battersea, were selected to produce two short videos; one to support the 'What Happens to your Recycling' campaign and the second to support the Schools programme. At the time of writing, most of the filming has taken place and it is hoped to have both the videos completed by the end of October 2019.

16. To reinforce the aim of the campaign, a map showing where, geographically, in the UK and EU the materials are being sent for reprocessing is now on the Authority's website, a copy is attached as Appendix D.

17. The design of the campaign has finally been agreed with Borough Officers and Appendix E provides examples of artwork that will be used. The first image is for use on Borough Recycling Collection Vehicle panels and the second for use in local publications and poster sites.

RESOURCE AND WASTE STRATEGY

18. On 23rd July 2019 the Government published summaries of responses to the three consultations proposed in the Resource and Waste Strategy, as well as the Plastic Packaging Tax.

19. The summary of response documents can be found via the following links:

- Reforming the Packaging Producer Responsibility System: https://www.gov.uk/government/consultations/packaging-waste-changing-the-uk-producer-responsibility-system-for-packaging-waste
- Introducing a Deposit Return Scheme in England, Wales and Northern Ireland: https://www.gov.uk/government/consultations/introducing-a-deposit-return-scheme-drs-for-drinks-containers-bottles-and-cans
- Consistency in Household and Business Recycling Collections in England: https://www.gov.uk/government/consultations/waste-and-recycling-making-recycling-collections-consistent-in-england
- Plastic Packaging Tax: https://www.gov.uk/government/consultations/plastic-packaging-tax

CONSTITUENT COUNCIL NEW RECYCLING INITIATIVES

20. 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.

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

ANNUAL MEMBERS STRATEGY FORUM AND VISIT

22. At the last Authority meeting it was agreed that the Annual Members Strategy Forum and Visit should consist of a visit to the Materials Recycling Facility, followed by a presentation concerning the Authority's two current communications campaigns detailed in paragraphs 13 to 17 of this report. The presentation will cover how the coordination of these campaigns with Constituent Councils' campaigns can be improved, to ensure an improved circulation of both campaigns, and it will detail how effective the use of social media for the 'End of the Line for Waste' campaign has been. Several proposed dates for the visit to take place in October 2019 have been distributed to Members.

AUTHORITY OFFICE REFURBISHMENT

23. At the Authority meeting on 30th January 2019, Members agreed that refurbishment works to the Authority offices should be carried out. The works began during week commencing 20th May 2019, after officers decanted to temporary accommodation elsewhere on the Smugglers Way site. At the time of writing the works have largely been completed and officers have moved back into the refurbished offices. The works were carried out significantly under the £230,000 budget, at approximately £100,000. Officers are satisfied that the works have been completed to a good standard.

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

24. There have been no items of expenditure that have been authorised by officers under delegated powers that fall within the band range of £5,000 to £30,000 since the last Authority meeting.

RECOMMENDATIONS

25. Members are asked to receive this report as information.

M. Broxup
GENERAL MANAGER

Western Riverside Transfer Station
Smugglers Way
Wandsworth
SW18 1JS

6th September 2019

Hammersmith & Fulham | After 4 months of 2019/2020 | = Forecast Figures | Printed 22/8/2019 10:12

Tonnage	2018/2019 Outturn	2019/2020 Budget	2019/2020 Forecast	Difference to Budget Tonnes	Difference to Budget Percentage	2019/2020 £/Tonne	Budget 2019/2020 Cost £	Projected 2019/2020 Cost £	Projected 2019/2020 Variance £
Batteries	1	1	1	0	20%	60.00	50	60	10
Clinical Waste	23	22	19	-4	-16.5%	709.00	15,918	13,296	-2,622
Co-Mingled	11,146	11,277	11,272	-6	-0.1%	28.00	315,761	315,602	-159
Detritus Waste	611	680	326	-354	-52.0%	81.50	55,453	26,597	-28,855
Electricals	9	8	5	-3	-35.1%	53.00	419	272	-147
Fridges	91	89	80	-9	-10.0%	50.50	4,501	4,051	-450
Gas Bottles	1	1	1	-1	-52.5%	134.50	168	80	-88
General Waste	57,772	57,885	55,519	-2,366	-4.1%	150.50	8,711,733	8,355,647	-356,086
Carpet	-	-	-	-		38.00	-	-	-
Green Waste	121	149	-	-149	-100.0%	100.00	14,915	-	-14,915
Inert Waste	-	-	-	-		31.50	-	-	-
Paint & Oil	-	0	-	-0	-100.0%	130.00	18	-	-18
Paper & Cardboard	-	-	-	-		-27.00	-	-	-
Scrap Metals	4	5	1	-4	-81.4%	-	-	-	-
Textiles	-	-	-	-		-209.50	-	-	-
Tyres	-	0	-	-0	-100.0%	290.00	82	-	-82
Wood	-	-	-	-		112.50	-	-	-
Grand Total	**69,779**	**70,119**	**67,224**	**-2,895**	**-4.1%**	**Sub-Total**	**9,119,017**	**8,715,605**	**-403,412**
Contamination	1,693	1,750	1,508	-241	-13.8%	150.50	263,333	226,996	-36,337
						Grand Total	**9,382,350**	**8,942,601**	**-439,748**

Forecast Tonnes	2020/2021	2021/2022	2022/2023
Batteries	1	1	1
Clinical Waste	19	19	19
Co-Mingled	11,227	11,227	11,227
Detritus Waste	325	325	325
Electricals	5	5	5
Fridges	80	80	80
Gas Bottles	1	1	1
General Waste	55,301	55,301	55,301
Carpet	-	-	-
Green Waste	-	-	-
Inert Waste	-	-	-
Paint & Oil	-	-	-
Paper & Cardboard	-	-	-
Scrap Metals	1	1	1
Textiles	-	-	-
Tyres	-	-	-
Wood	-	-	-
Grand Total	**66,959**	**66,959**	**66,959**
Contamination	1,502	1,502	1,502

Co-Mingled Contamination	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020
Apr	13.3%	14.2%	11.6%	13.4%	13.8%
May	15.5%	12.1%	15.9%	13.0%	13.5%
Jun	11.3%	14.2%	12.1%	12.5%	14.5%
Jul	15.3%	11.0%	13.3%	15.8%	12.0%
Aug	16.3%	13.0%	17.1%	15.8%	13.4%
Sep	15.7%	12.9%	11.5%	16.6%	13.4%
Oct	14.7%	13.5%	15.1%	19.3%	13.4%
Nov	14.7%	16.0%	13.5%	15.3%	13.4%
Dec	15.9%	18.5%	16.8%	18.7%	13.4%
Jan	13.3%	15.7%	16.1%	16.5%	13.4%
Feb	11.9%	15.2%	13.7%	12.1%	13.4%
Mar	15.0%	11.9%	12.0%	12.9%	13.4%
Average	14.4%	14.0%	14.1%	15.2%	13.4%
				Budget	15.5%

Working Days	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023
Total	253	254	253	253	253
Diff from Year before		1	-1	0	0
Change		0.40%	-0.39%	0.00%	0.00%

General Waste Tonnes	2018/2019	2019/2020	Difference	
Apr	4,746	4,633	-113	-2.39%
May	5,291	4,909	-383	-7.23%
Jun	4,933	4,551	-382	-7.75%
Jul	5,015	5,064	50	0.99%
Aug	4,775	4,595	-180	-3.77%
Sep	4,540	4,369	-171	-3.77%
Oct	5,127	4,933	-193	-3.77%
Nov	5,059	4,868	-191	-3.77%
Dec	4,860	4,677	-183	-3.77%
Jan	4,697	4,520	-177	-3.77%
Feb	4,230	4,071	-159	-3.77%
Mar	4,499	4,329	-170	-3.77%
Total	**57,772**	**55,519**	**-2,253**	**-3.90%**

Co-Mingled Tonnes	2018/2019	2019/2020	Difference	
Apr	900	913	13	1.41%
May	999	985	-14	-1.38%
Jun	951	912	-38	-4.02%
Jul	965	1,038	72	7.50%
Aug	823	833	10	1.26%
Sep	872	883	11	1.26%
Oct	966	978	12	1.26%
Nov	996	1,009	13	1.26%
Dec	998	1,011	13	1.26%
Jan	978	990	12	1.26%
Feb	833	843	11	1.26%
Mar	864	875	11	1.26%
Total	**11,146**	**11,272**	**126**	**1.13%**

Detritus Waste Tonnes	2018/2019	2019/2020	Difference	
Apr	66	29	-37	-55.48%
May	68	27	-41	-60.75%
Jun	53	40	-14	-25.68%
Jul	56	34	-22	-39.50%
Aug	49	26	-23	-46.53%
Sep	41	22	-19	-46.53%
Oct	52	28	-24	-46.53%
Nov	75	40	-35	-46.53%
Dec	48	25	-22	-46.53%
Jan	27	14	-12	-46.53%
Feb	25	14	-12	-46.53%
Mar	50	27	-23	-46.53%
Total	**611**	**326**	**-285**	**-46.61%**

Co-mingled Contamination Tonnes	2018/2019	2019/2020	Difference	
Apr	120	126	5	4.52%
May	129	133	3	2.65%
Jun	118	132	14	11.70%
Jul	152	124	-28	-18.23%
Aug	130	111	-19	-14.40%
Sep	144	118	-26	-18.17%
Oct	186	131	-55	-29.64%
Nov	152	135	-17	-11.38%
Dec	186	135	-51	-27.42%
Jan	161	133	-29	-17.83%
Feb	101	113	12	11.90%
Mar	112	117	5	4.88%
Total	**1,693**	**1,508**	**-185**	**-10.92%**

Green Waste Tonnes	2018/2019	2019/2020	Difference	
Apr	10	-	-10	-100.00%
May	6	-	-6	-100.00%
Jun	1	-	-1	-100.00%
Jul	3	-	-3	-100.00%
Aug	7	-	-7	-100.00%
Sep	4	-	-4	-100.00%
Oct	6	-	-6	-100.00%
Nov	10	-	-10	-100.00%
Dec	1	-	-1	-100.00%
Jan	73	-	-73	-100.00%
Feb	-	-	-	0.00%
Mar	-	-	-	0.00%
Total	**121**	**-**	**-121**	**-100.00%**

Wood Waste Tonnes	2018/2019	2019/2020	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 4 months of 2019/2020 | = Forecast Figures | Printed 22/8/2019 10:12

Tonnage	2018/2019 Outturn	2019/2020 Budget	2019/2020 Forecast	Difference to Budget Tonnes	Difference to Budget Percentage	2019/2020 £/Tonne	Budget 2019/2020 Cost £	Projected 2019/2020 Cost £	Projected 2019/2020 Variance £
Batteries	-	-	-	-		60.00	-	-	-
Clinical Waste	2	1	2	0	30.7%	709.00	1,061	1,387	326
Co-Mingled	16,087	16,144	16,044	-100	-0.6%	28.00	452,027	449,228	-2,799
Detritus Waste	623	559	1,283	724	129.5%	81.50	45,545	104,539	58,994
Electricals	33	35	19	-15	-44.5%	53.00	1,838	1,019	-819
Fridges	64	56	56	0	0.4%	50.50	2,826	2,838	11
Gas Bottles	1	1	0	-0	-34.3%	134.50	97	64	-33
General Waste	59,581	59,990	57,525	-2,465	-4.1%	150.50	9,028,497	8,657,476	-371,021
Carpet	-	-	-	-		38.00	-	-	-
Green Waste	429	435	464	28	6.5%	100.00	43,523	46,364	2,841
Inert Waste	-	-	-	-		31.50	-	-	-
Paint & Oil	-	-	-	-		130.00	-	-	-
Paper & Cardboard	-	-	-	-		-27.00	-	-	-
Scrap Metals	1	1	1	-	0.0%	-	-	-	-
Textiles	-	-	-	-		-209.50	-	-	-
Tyres	-	-	-	-		290.00	-	-	-
Wood	1	2	1	-1	-49.0%	112.50	270	138	-132
Grand Total	**76,822**	**77,224**	**75,395**	**-1,829**	**-2.4%**	**Sub-Total**	**9,575,684**	**9,263,052**	**-312,631**
Contamination	1,875	1,890	1,608	-282	-14.9%	150.50	284,429	241,967	-42,463
						Grand Total	**9,860,113**	**9,505,019**	**-355,094**

Forecast Tonnes	2020/2021	2021/2022	2022/2023
Batteries	-	-	-
Clinical Waste	2	2	2
Co-Mingled	15,981	15,981	15,981
Detritus Waste	1,278	1,278	1,278
Electricals	19	19	19
Fridges	56	56	56
Gas Bottles	0	0	0
General Waste	57,298	57,298	57,298
Carpet	-	-	-
Green Waste	462	462	462
Inert Waste	-	-	-
Paint & Oil	-	-	-
Paper & Cardboard	-	-	-
Scrap Metals	1	1	1
Textiles	-	-	-
Tyres	-	-	-
Wood	1	1	1
Grand Total	**75,098**	**75,098**	**75,098**
Contamination	1,601	1,601	1,601

Co-Mingled Contamination	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020
Apr	13.0%	10.8%	14.7%	12.2%	9.5%
May	15.7%	11.5%	11.8%	10.9%	10.0%
Jun	12.3%	11.1%	13.2%	11.0%	11.3%
Jul	14.1%	11.1%	12.1%	13.2%	9.3%
Aug	10.0%	11.3%	14.3%	11.4%	10.0%
Sep	13.9%	13.1%	11.9%	12.7%	10.0%
Oct	14.3%	11.9%	14.0%	10.1%	10.0%
Nov	13.0%	12.1%	10.6%	11.2%	10.0%
Dec	14.8%	11.4%	12.3%	13.6%	10.0%
Jan	16.9%	11.8%	11.3%	9.9%	10.0%
Feb	17.5%	12.6%	11.7%	13.0%	10.0%
Mar	13.5%	13.6%	9.2%	10.9%	10.0%
Average	14.1%	11.9%	12.2%	11.7%	10.0%
				Budget	11.7%

Working Days	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023
Total	253	254	253	253	253
Diff from Year before		1	-1	0	0
Change		0.40%	-0.39%	0.00%	0.00%

General Waste Tonnes	2018/2019	2019/2020	Difference	
Apr	4,858	4,740	-117	-2.42%
May	5,250	4,937	-313	-5.96%
Jun	5,004	4,813	-192	-3.83%
Jul	5,289	5,156	-133	-2.52%
Aug	4,986	4,820	-166	-3.32%
Sep	4,754	4,596	-158	-3.32%
Oct	5,279	5,104	-175	-3.32%
Nov	5,337	5,159	-177	-3.32%
Dec	4,943	4,779	-164	-3.32%
Jan	4,801	4,642	-159	-3.32%
Feb	4,327	4,183	-144	-3.32%
Mar	4,753	4,595	-158	-3.32%
Total	**59,581**	**57,525**	**-2,057**	**-3.45%**

Co-Mingled Tonnes	2018/2019	2019/2020	Difference	
Apr	1,266	1,266	-0	-0.01%
May	1,378	1,331	-47	-3.41%
Jun	1,352	1,335	-17	-1.27%
Jul	1,431	1,467	36	2.50%
Aug	1,176	1,175	-2	-0.13%
Sep	1,322	1,320	-2	-0.13%
Oct	1,436	1,434	-2	-0.13%
Nov	1,454	1,452	-2	-0.13%
Dec	1,433	1,431	-2	-0.13%
Jan	1,326	1,324	-2	-0.13%
Feb	1,178	1,177	-2	-0.13%
Mar	1,333	1,331	-2	-0.13%
Total	**16,087**	**16,044**	**-43**	**-0.27%**

Detritus Waste Tonnes	2018/2019	2019/2020	Difference	
Apr	47	76	29	61.36%
May	43	75	32	73.38%
Jun	40	84	44	109.69%
Jul	23	81	57	244.15%
Aug	42	86	44	105.98%
Sep	55	113	58	105.98%
Oct	55	113	58	105.98%
Nov	72	149	77	105.98%
Dec	41	85	44	105.98%
Jan	40	82	42	105.98%
Feb	69	142	73	105.98%
Mar	95	197	101	105.98%
Total	**623**	**1,283**	**659**	**105.78%**

Co-mingled Contamination Tonnes	2018/2019	2019/2020	Difference	
Apr	154	121	-33	-21.64%
May	150	133	-17	-11.23%
Jun	149	151	2	1.51%
Jul	188	136	-52	-27.62%
Aug	134	118	-17	-12.37%
Sep	168	132	-36	-21.45%
Oct	145	144	-1	-0.82%
Nov	162	145	-17	-10.24%
Dec	195	143	-52	-26.52%
Jan	132	133	1	0.78%
Feb	153	118	-35	-22.72%
Mar	145	133	-11	-7.85%
Total	**1,875**	**1,608**	**-267**	**-14.25%**

Green Waste Tonnes	2018/2019	2019/2020	Difference	
Apr	23	23	-1	-2.24%
May	38	32	-6	-15.25%
Jun	34	36	2	6.14%
Jul	23	36	14	59.66%
Aug	26	28	2	8.31%
Sep	38	41	3	8.31%
Oct	39	43	3	8.31%
Nov	43	46	4	8.31%
Dec	32	34	3	8.31%
Jan	91	98	8	8.31%
Feb	21	23	2	8.31%
Mar	22	24	2	8.31%
Total	**429**	**464**	**35**	**8.20%**

Wood Waste Tonnes	2018/2019	2019/2020	Difference	
Apr	-	-	-	0.00%
May	-	-	-	0.00%
Jun	-	-	-	0.00%
Jul	-	-	-	0.00%
Aug	1	1	0	0.40%
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**	**0.40%**

Lambeth | After 4 months of 2019/2020 | = Forecast Figures | Printed 22/8/2019 10:12

Tonnage	2018/2019 Outturn	2019/2020 Budget	2019/2020 Forecast	Difference to Budget Tonnes	Difference to Budget Percentage	2019/2020 £/Tonne	Budget 2019/2020 Cost £	Projected 2019/2020 Cost £	Projected 2019/2020 Variance £
Batteries	-	-	-	-		60.00	-	-	-
Clinical Waste	3	3	3	1	27.9%	709.00	1,865	2,385	520
Co-Mingled	19,858	20,096	19,212	- 885	-4.4%	28.00	562,699	537,924	- 24,775
Detritus Waste	760	860	350	- 510	-59.3%	81.50	70,077	28,511	- 41,566
Electricals	122	104	2	- 102	-97.9%	53.00	5,536	115	- 5,421
Fridges	179	175	119	- 56	-32.0%	50.50	8,860	6,022	- 2,838
Gas Bottles	3	4	1	- 3	-65.9%	134.50	528	180	- 348
General Waste	89,226	88,538	86,052	- 2,485	-2.8%	150.50	13,324,923	12,950,874	- 374,049
Carpet	-	-	-	-		38.00	-	-	-
Green Waste	546	543	933	390	71.7%	100.00	54,307	93,263	38,956
Inert Waste	1	1	1	-	0.0%	31.50	27	27	-
Paint & Oil	-	-	-	-		130.00	-	-	-
Paper & Cardboard	439	453	371	- 82	-18.1%	- 27.00	- 12,240	- 10,022	2,218
Scrap Metals	112	90	132	42	46.9%	-	-	-	-
Textiles	-	-	-	-		- 209.50	-	-	-
Tyres	12	11	5	- 6	-55.6%	290.00	3,291	1,462	- 1,829
Wood	251	245	286	41	16.6%	112.50	27,553	32,131	4,578
Grand Total	**111,510**	**111,124**	**107,467**	**- 3,657**	**-3.3%**	**Sub-Total**	**14,047,426**	**13,642,873**	**- 404,553**
Contamination	3,257	3,352	2,738	- 614	-18.3%	150.50	504,412	412,066	- 92,346
						Grand Total	**14,551,838**	**14,054,939**	**- 496,899**

Forecast Tonnes	2020/2021	2021/2022	2022/2023
Batteries	-	-	-
Clinical Waste	3	3	3
Co-Mingled	19,136	19,136	19,136
Detritus Waste	348	348	348
Electricals	2	2	2
Fridges	119	119	119
Gas Bottles	1	1	1
General Waste	85,714	85,714	85,714
Carpet	-	-	-
Green Waste	929	929	929
Inert Waste	1	1	1
Paint & Oil	-	-	-
Paper & Cardboard	370	370	370
Scrap Metals	131	131	131
Textiles	-	-	-
Tyres	5	5	5
Wood	284	284	284
Grand Total	**107,044**	**107,044**	**107,044**
Contamination	2,727	2,727	2,727

Co-Mingled Contamination	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020
Apr	13.2%	12.6%	16.5%	15.7%	11.1%
May	14.3%	13.8%	17.7%	12.2%	16.8%
Jun	15.0%	14.9%	11.5%	16.8%	13.2%
Jul	12.8%	11.9%	22.4%	16.2%	15.6%
Aug	11.4%	11.9%	18.9%	16.7%	14.3%
Sep	13.8%	13.4%	14.9%	19.2%	14.3%
Oct	11.5%	11.9%	13.1%	20.2%	14.3%
Nov	13.6%	15.3%	15.0%	14.9%	14.3%
Dec	16.8%	12.2%	17.8%	18.4%	14.3%
Jan	15.6%	16.3%	16.2%	16.5%	14.3%
Feb	16.3%	13.2%	15.9%	14.5%	14.3%
Mar	15.5%	18.6%	17.6%	15.3%	14.3%
Average	14.2%	13.9%	16.5%	16.4%	14.3%
				Budget	16.7%

Working Days	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023
Total	253	254	253	253	253
Diff from Year before		1	-1	0	0
Change		0.40%	-0.39%	0.00%	0.00%

General Waste Tonnes	2018/2019	2019/2020	Difference	
Apr	7,420	7,319	- 101	-1.36%
May	7,998	7,471	- 526	-6.58%
Jun	7,568	7,037	- 531	-7.02%
Jul	7,795	7,782	- 13	-0.16%
Aug	7,418	7,164	- 254	-3.43%
Sep	6,998	6,759	- 240	-3.43%
Oct	7,723	7,458	- 265	-3.43%
Nov	7,449	7,193	- 255	-3.43%
Dec	7,271	7,022	- 249	-3.43%
Jan	7,822	7,554	- 268	-3.43%
Feb	6,762	6,530	- 232	-3.43%
Mar	7,002	6,762	- 240	-3.43%
Total	**89,226**	**86,052**	**- 3,173**	**-3.56%**

Co-Mingled Tonnes	2018/2019	2019/2020	Difference	
Apr	1,572	1,579	7	0.45%
May	1,742	1,710	- 32	-1.84%
Jun	1,629	1,497	- 132	-8.10%
Jul	1,750	1,672	- 78	-4.44%
Aug	1,633	1,581	- 51	-3.13%
Sep	1,542	1,494	- 48	-3.13%
Oct	1,732	1,678	- 54	-3.13%
Nov	1,673	1,621	- 52	-3.13%
Dec	1,760	1,705	- 55	-3.13%
Jan	1,823	1,766	- 57	-3.13%
Feb	1,445	1,400	- 45	-3.13%
Mar	1,558	1,510	- 49	-3.13%
Total	**19,858**	**19,212**	**- 646**	**-3.25%**

Detritus Waste Tonnes	2018/2019	2019/2020	Difference	
Apr	71	32	- 39	-55.15%
May	86	38	- 48	-56.04%
Jun	63	41	- 22	-35.04%
Jul	72	23	- 48	-67.33%
Aug	54	25	- 29	-53.88%
Sep	46	21	- 25	-53.88%
Oct	57	26	- 31	-53.88%
Nov	77	36	- 42	-53.88%
Dec	71	33	- 38	-53.88%
Jan	52	24	- 28	-53.88%
Feb	43	20	- 23	-53.88%
Mar	67	31	- 36	-53.88%
Total	**760**	**350**	**- 410**	**-53.95%**

Co-mingled Contamination Tonnes	2018/2019	2019/2020	Difference	
Apr	247	225	- 22	-8.82%
May	212	244	31	14.67%
Jun	273	213	- 60	-22.00%
Jul	283	238	- 45	-15.93%
Aug	273	225	- 48	-17.48%
Sep	295	213	- 83	-27.94%
Oct	349	239	- 110	-31.55%
Nov	249	231	- 18	-7.40%
Dec	323	243	- 80	-24.84%
Jan	301	252	- 49	-16.38%
Feb	210	199	- 10	-4.98%
Mar	239	215	- 24	-9.88%
Total	**3,257**	**2,738**	**- 519**	**-15.92%**

Green Waste Tonnes	2018/2019	2019/2020	Difference	
Apr	2	6	4	281.33%
May	7	15	8	106.20%
Jun	18	28	10	55.48%
Jul	22	34	12	55.95%
Aug	26	44	18	70.72%
Sep	49	84	35	70.72%
Oct	64	109	45	70.72%
Nov	145	248	103	70.72%
Dec	132	225	93	70.72%
Jan	60	102	42	70.72%
Feb	17	28	12	70.72%
Mar	6	10	4	70.72%
Total	**546**	**933**	**386**	**70.66%**

Wood Waste Tonnes	2018/2019	2019/2020	Difference	
Apr	23	32	9	38.09%
May	27	27	0	1.65%
Jun	16	20	4	25.16%
Jul	25	25	- 1	-3.38%
Aug	23	26	3	14.11%
Sep	26	30	4	14.11%
Oct	19	21	3	14.11%
Nov	15	18	2	14.11%
Dec	21	25	3	14.11%
Jan	13	15	2	14.11%
Feb	15	17	2	14.11%
Mar	27	31	4	14.11%
Total	**251**	**286**	**35**	**13.94%**

Wandsworth After 4 months of 2019/2020 = Forecast Figures

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Tonnage	2018/2019 Outturn	2019/2020 Budget	2019/2020 Forecast	Difference to Budget Tonnes	Difference to Budget Percentage	2019/2020 £/Tonne	Budget 2019/2020 Cost £	Projected 2019/2020 Cost £	Projected 2019/2020 Variance £
Batteries	-	-	-	-		60.00	-	-	-
Clinical Waste	64	68	63	- 5	-7.7%	709.00	48,428	44,719	- 3,708
Co-Mingled	20,173	20,410	19,524	- 885	-4.3%	28.00	571,468	546,679	- 24,789
Detritus Waste	2,992	3,232	2,291	- 941	-29.1%	81.50	263,435	186,730	- 76,705
Electricals	3	3	2	- 1	-38.9%	53.00	163	100	- 64
Fridges	96	89	114	26	28.9%	50.50	4,482	5,779	1,297
Gas Bottles	1	1	0	- 1	-76.7%	134.50	152	35	- 116
General Waste	76,028	76,486	74,601	- 1,884	-2.5%	150.50	11,511,080	11,227,473	- 283,607
Carpet	-	-	-	-		38.00	-	-	-
Green Waste	340	260	348	88	34.0%	100.00	25,952	34,785	8,834
Inert Waste	-	0	0	0	423.3%	31.50	3	13	11
Paint & Oil	-	-	-	-		130.00	-	-	-
Paper & Cardboard	-	-	-	-		- 27.00	-	-	-
Scrap Metals	-	0	0	- 0	-29.3%	-	-	-	-
Textiles	-	-	-	-		- 209.50	-	-	-
Tyres	1	1	0	- 1	-78.8%	290.00	293	62	- 231
Wood	-	-	-	-		112.50	-	-	-
Grand Total	**99,698**	**100,550**	**96,945**	**- 3,605**	**-3.6%**	**Sub-Total**	**12,425,456**	**12,046,377**	**- 379,080**
Contamination	2,852	2,904	2,406	- 498	-17.1%	150.50	437,109	362,170	- 74,940
						Grand Total	**12,862,566**	**12,408,546**	**- 454,019**

Forecast Tonnes	2020/2021	2021/2022	2022/2023
Batteries	-	-	-
Clinical Waste	63	63	63
Co-Mingled	19,447	19,447	19,447
Detritus Waste	2,282	2,282	2,282
Electricals	2	2	2
Fridges	114	114	114
Gas Bottles	0	0	0
General Waste	74,307	74,307	74,307
Carpet	-	-	-
Green Waste	346	346	346
Inert Waste	0	0	0
Paint & Oil	-	-	-
Paper & Cardboard	-	-	-
Scrap Metals	0	0	0
Textiles	-	-	-
Tyres	0	0	0
Wood	-	-	-
Grand Total	**96,563**	**96,563**	**96,563**
Contamination	2,397	2,397	2,397

Co-Mingled Contamination	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020
Apr	11.2%	13.2%	15.6%	14.1%	11.7%
May	10.8%	12.7%	11.9%	12.8%	11.9%
Jun	13.6%	17.9%	15.4%	14.1%	13.8%
Jul	12.1%	16.4%	16.2%	15.1%	12.0%
Aug	14.1%	16.1%	16.8%	14.8%	12.3%
Sep	12.5%	14.3%	11.3%	16.2%	12.3%
Oct	12.5%	14.3%	15.4%	13.2%	12.3%
Nov	12.2%	12.2%	16.0%	13.4%	12.3%
Dec	18.0%	13.3%	14.9%	15.5%	12.3%
Jan	17.4%	16.3%	14.4%	15.2%	12.3%
Feb	17.2%	16.1%	12.2%	13.3%	12.3%
Mar	19.0%	13.9%	17.5%	11.9%	12.3%
Average	14.3%	14.7%	14.8%	14.1%	12.3%
				Budget	14.2%

Working Days	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023
Total	253	254	253	253	253
Diff from Year before		1	-1	0	0
Change		0.40%	-0.39%	0.00%	0.00%

General Waste Tonnes	2018/2019	2019/2020	Difference	
Apr	6,373	6,318	- 54	-0.85%
May	7,097	6,693	- 404	-5.69%
Jun	6,391	6,046	- 345	-5.40%
Jul	6,685	6,923	238	3.56%
Aug	6,423	6,311	- 112	-1.74%
Sep	5,976	5,872	- 104	-1.74%
Oct	6,641	6,525	- 116	-1.74%
Nov	6,449	6,336	- 112	-1.74%
Dec	6,058	5,952	- 106	-1.74%
Jan	6,388	6,277	- 111	-1.74%
Feb	5,555	5,458	- 97	-1.74%
Mar	5,993	5,888	- 104	-1.74%
Total	**76,028**	**74,601**	**- 1,427**	**-1.88%**

Co-Mingled Tonnes	2018/2019	2019/2020	Difference	
Apr	1,587	1,608	21	1.33%
May	1,819	1,698	- 120	-6.60%
Jun	1,694	1,565	- 128	-7.57%
Jul	1,754	1,744	- 10	-0.59%
Aug	1,525	1,478	- 47	-3.08%
Sep	1,556	1,508	- 48	-3.08%
Oct	1,743	1,689	- 54	-3.08%
Nov	1,767	1,712	- 54	-3.08%
Dec	1,840	1,783	- 57	-3.08%
Jan	1,847	1,790	- 57	-3.08%
Feb	1,491	1,445	- 46	-3.08%
Mar	1,551	1,503	- 48	-3.08%
Total	**20,173**	**19,524**	**- 648**	**-3.21%**

Detritus Waste Tonnes	2018/2019	2019/2020	Difference	
Apr	235	172	- 64	-27.06%
May	273	219	- 54	-19.81%
Jun	231	183	- 48	-20.83%
Jul	284	208	- 76	-26.68%
Aug	265	204	- 62	-23.31%
Sep	220	169	- 51	-23.31%
Oct	290	222	- 68	-23.31%
Nov	401	308	- 94	-23.31%
Dec	238	183	- 56	-23.31%
Jan	173	132	- 40	-23.31%
Feb	184	141	- 43	-23.31%
Mar	197	151	- 46	-23.31%
Total	**2,992**	**2,291**	**- 701**	**-23.42%**

Co-mingled Contamination Tonnes	2018/2019	2019/2020	Difference	
Apr	223	198	- 25	-11.17%
May	232	209	- 23	-9.85%
Jun	239	193	- 46	-19.26%
Jul	265	215	- 50	-19.01%
Aug	225	182	- 43	-19.02%
Sep	252	186	- 66	-26.22%
Oct	230	208	- 22	-9.57%
Nov	236	211	- 25	-10.72%
Dec	285	220	- 65	-22.78%
Jan	282	221	- 61	-21.62%
Feb	198	178	- 20	-10.12%
Mar	185	185	1	0.38%
Total	**2,852**	**2,406**	**- 446**	**-15.62%**

Green Waste Tonnes	2018/2019	2019/2020	Difference	
Apr	15	8	- 8	-49.61%
May	14	12	- 2	-15.40%
Jun	12	17	6	49.39%
Jul	14	19	5	36.78%
Aug	11	11	0	2.30%
Sep	8	8	0	2.30%
Oct	8	8	0	2.30%
Nov	11	11	0	2.30%
Dec	44	45	1	2.30%
Jan	184	188	4	2.30%
Feb	10	11	0	2.30%
Mar	10	11	0	2.30%
Total	**340**	**348**	**8**	**2.23%**

Wood Waste Tonnes	2018/2019	2019/2020	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 4 months of 2019/2020 = Forecast Figures

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Tonnage	2018/2019 Outturn	2019/2020 Budget	2019/2020 Forecast	Difference to Budget Tonnes	Difference to Budget Percentage	2019/2020 £/Tonne	Budget 2019/2020 Cost £	Projected 2019/2020 Cost £	Projected 2019/2020 Variance £
Batteries	15	8	20	12	142%	60.00	486	1,178	692
Clinical Waste	-	-	-	-		709.00	-	-	-
Co-Mingled	601	672	732	60	9.0%	28.00	18,814	20,504	1,690
Detritus Waste	-	-	-	-		81.50	-	-	-
Electricals	751	728	742	14	2.0%	53.00	38,579	39,334	755
Fridges	78	67	81	15	21.9%	50.50	3,367	4,105	738
Gas Bottles	15	11	11	- 0	-1.9%	134.50	1,499	1,470	- 29
General Waste	9,713	9,416	8,798	- 618	-6.6%	150.50	1,417,060	1,324,030	- 93,030
Carpet	269	-	516	516		38.00	-	19,594	19,594
Green Waste	3,190	3,077	3,111	34	1.1%	100.00	307,748	311,118	3,371
Inert Waste	1,624	1,581	1,993	412	26.0%	31.50	49,814	62,787	12,973
Paint & Oil	17	16	11	- 5	-30.7%	130.00	2,084	1,444	- 639
Paper & Cardboard	793	738	973	235	31.8%	- 27.00	- 19,933	- 26,275	- 6,343
Scrap Metals	721	730	708	- 22	-3.0%	-	-	-	-
Textiles	234	493	270	- 224	-45.3%	- 209.50	- 103,346	- 56,521	46,825
Tyres	-	0	-	- 0	-100.0%	290.00	17	-	- 17
Wood	3,474	3,280	4,010	729	22.2%	112.50	369,048	451,093	82,045
Grand Total	**21,494**	**20,819**	**21,976**	**1,157**	**5.6%**	**Sub-Total**	**2,085,238**	**2,153,862**	**68,623**
Contamination	88	99	92	- 7	-7.1%	150.50	14,826	13,772	- 1,053
						Grand Total	**2,100,064**	**2,167,634**	**67,570**

Forecast Tonnes	2020/2021	2021/2022	2022/2023
Batteries	20	20	20
Clinical Waste	-	-	-
Co-Mingled	729	729	729
Detritus Waste	-	-	-
Electricals	739	739	739
Fridges	81	81	81
Gas Bottles	11	11	11
General Waste	8,763	8,763	8,763
Carpet	514	514	514
Green Waste	3,099	3,099	3,099
Inert Waste	1,985	1,985	1,985
Paint & Oil	11	11	11
Paper & Cardboard	969	969	969
Scrap Metals	705	705	705
Textiles	269	269	269
Tyres	-	-	-
Wood	3,994	3,994	3,994
Grand Total	**21,889**	**21,889**	**21,889**
Contamination	91	91	91

Co-Mingled Contamination	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020
Apr	12.6%	12.6%	15.0%	14.0%	11.4%
May	13.8%	12.6%	14.3%	12.2%	13.2%
Jun	13.2%	14.8%	13.2%	13.9%	13.1%
Jul	13.3%	12.9%	16.6%	15.1%	12.4%
Aug	12.7%	13.2%	16.9%	14.8%	12.5%
Sep	13.8%	13.5%	12.5%	16.3%	12.5%
Oct	13.1%	12.9%	14.3%	15.5%	12.5%
Nov	13.2%	13.7%	14.0%	13.6%	12.5%
Dec	16.5%	13.4%	15.4%	16.4%	12.5%
Jan	16.1%	15.1%	14.5%	14.7%	12.5%
Feb	16.1%	14.3%	13.4%	13.4%	12.5%
Mar	16.0%	14.8%	14.6%	12.8%	12.5%
Average	14.2%	13.6%	14.6%	14.6%	12.5%
				Budget	14.7%

Working Days	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023
Total	253	254	253	253	253
Diff from Year before		1	-1	0	0
Change		0.40%	-0.39%	0.00%	0.00%

General Waste Tonnes	2018/2019	2019/2020	Difference	
Apr	975	873	- 102	-10.48%
May	1,029	949	- 80	-7.77%
Jun	949	784	- 165	-17.39%
Jul	891	867	- 24	-2.64%
Aug	871	790	- 81	-9.29%
Sep	826	750	- 77	-9.29%
Oct	789	716	- 73	-9.29%
Nov	637	577	- 59	-9.29%
Dec	657	596	- 61	-9.29%
Jan	623	565	- 58	-9.29%
Feb	656	595	- 61	-9.29%
Mar	809	734	- 75	-9.29%
Total	**9,713**	**8,798**	**- 916**	**-9.43%**

Co-Mingled Tonnes	2018/2019	2019/2020	Difference	
Apr	46	63	16	35.30%
May	39	62	23	60.06%
Jun	49	60	11	22.16%
Jul	63	55	- 8	-13.06%
Aug	59	72	13	21.90%
Sep	50	61	11	21.90%
Oct	51	62	11	21.90%
Nov	47	57	10	21.90%
Dec	72	87	16	21.90%
Jan	53	65	12	21.90%
Feb	31	38	7	21.90%
Mar	43	52	9	21.90%
Total	**601**	**732**	**131**	**21.75%**

Detritus Waste Tonnes	2018/2019	2019/2020	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	2018/2019	2019/2020	Difference	
Apr	6	7	1	10.00%
May	5	8	3	73.18%
Jun	7	8	1	15.51%
Jul	9	7	- 3	-28.76%
Aug	9	9	0	3.01%
Sep	8	8	- 1	-6.28%
Oct	8	8	- 0	-1.68%
Nov	6	7	1	12.12%
Dec	12	11	- 1	-7.15%
Jan	8	8	0	3.96%
Feb	4	5	1	13.92%
Mar	5	6	1	18.93%
Total	**88**	**92**	**4**	**4.44%**

Green Waste Tonnes	2018/2019	2019/2020	Difference	
Apr	309	363	54	17.41%
May	497	401	- 96	-19.39%
Jun	429	372	- 57	-13.19%
Jul	276	334	59	21.37%
Aug	306	299	- 7	-2.28%
Sep	260	255	- 6	-2.28%
Oct	278	272	- 6	-2.28%
Nov	208	203	- 5	-2.28%
Dec	147	143	- 3	-2.28%
Jan	118	115	- 3	-2.28%
Feb	126	123	- 3	-2.28%
Mar	237	232	- 5	-2.28%
Total	**3,190**	**3,111**	**- 78**	**-2.46%**

Wood Waste Tonnes	2018/2019	2019/2020	Difference	
Apr	304	363	60	19.59%
May	312	321	9	3.03%
Jun	301	313	12	3.84%
Jul	309	414	105	33.95%
Aug	267	309	42	15.58%
Sep	251	291	39	15.58%
Oct	301	347	47	15.58%
Nov	263	304	41	15.58%
Dec	254	293	40	15.58%
Jan	296	342	46	15.58%
Feb	278	322	43	15.58%
Mar	338	391	53	15.58%
Total	**3,474**	**4,010**	**536**	**15.42%**

Western Riverside Waste Authority | After 4 months of 2019/2020 | = Forecast Figures | Printed 22/8/2019 10:12

Tonnage	2018/2019 Outturn	2019/2020 Budget	2019/2020 Forecast	Difference to Budget Tonnes	Difference to Budget Percentage	2019/2020 £/Tonne	Budget 2019/2020 Cost £	Projected 2019/2020 Cost £	Projected 2019/2020 Variance £
Batteries	16	9	21	12	131%	60.00	536	1,238	702
Clinical Waste	92	95	87	- 8	-8.2%	709.00	67,271	61,787	- 5,484
Co-Mingled	67,865	68,599	66,783	- 1,815	-2.6%	28.00	1,920,769	1,869,937	- 50,833
Detritus Waste	4,986	5,331	4,250	- 1,081	-20.3%	81.50	434,510	346,378	- 88,132
Electricals	918	878	771	- 107	-12.2%	53.00	46,535	40,840	- 5,695
Fridges	508	476	451	- 25	-5.2%	50.50	24,036	22,795	- 1,241
Gas Bottles	21	18	14	- 5	-25.2%	134.50	2,444	1,829	- 615
General Waste	292,320	292,314	282,495	- 9,819	-3.4%	150.50	43,993,293	42,515,501	- 1,477,792
Carpet	269	-	516	516		38.00	-	19,594	19,594
Green Waste	4,626	4,464	4,855	391	8.8%	100.00	446,444	485,531	39,087
Inert Waste	1,625	1,582	1,995	412	26.0%	31.50	49,844	62,827	12,983
Paint & Oil	17	16	11	- 5	-31.3%	130.00	2,102	1,444	- 658
Paper & Cardboard	1,232	1,192	1,344	153	12.8%	- 27.00	- 32,172	- 36,298	- 4,125
Scrap Metals	838	826	842	16	1.9%	-	-	-	-
Textiles	234	493	270	- 224	-45.3%	- 209.50	- 103,346	- 56,521	46,825
Tyres	13	13	5	- 7	-58.6%	290.00	3,683	1,524	- 2,159
Wood	3,726	3,528	4,297	769	21.8%	112.50	396,871	483,362	86,491
Grand Total	**379,303**	**379,835**	**369,006**	**- 10,828**	**-2.9%**	**Sub-Total**	**47,252,822**	**45,821,769**	**- 1,431,052**
Contamination	9,764	9,994	8,352	- 1,642	-16.4%	150.50	1,504,109	1,256,971	- 247,138
						Grand Total	**48,756,931**	**47,078,740**	**- 1,678,191**

Forecast Tonnes	2020/2021	2021/2022	2022/2023
Batteries	21	21	21
Clinical Waste	87	87	87
Co-Mingled	66,521	66,521	66,521
Detritus Waste	4,233	4,233	4,233
Electricals	768	768	768
Fridges	450	450	450
Gas Bottles	14	14	14
General Waste	281,383	281,383	281,383
Carpet	514	514	514
Green Waste	4,836	4,836	4,836
Inert Waste	1,987	1,987	1,987
Paint & Oil	11	11	11
Paper & Cardboard	1,339	1,339	1,339
Scrap Metals	839	839	839
Textiles	269	269	269
Tyres	5	5	5
Wood	4,280	4,280	4,280
Grand Total	**367,553**	**367,553**	**367,553**
Contamination	8,319	8,319	8,319

Co-Mingled Contamination	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020
Apr	12.6%	12.6%	15.0%	14.0%	11.4%
May	13.8%	12.6%	14.3%	12.2%	13.2%
Jun	13.2%	14.8%	13.2%	13.9%	13.1%
Jul	13.3%	12.9%	16.6%	15.1%	12.4%
Aug	12.7%	13.2%	16.9%	14.8%	12.5%
Sep	13.8%	13.5%	12.5%	16.3%	12.5%
Oct	13.1%	12.9%	14.3%	15.5%	12.5%
Nov	13.2%	13.7%	14.0%	13.6%	12.5%
Dec	16.5%	13.4%	15.4%	16.4%	12.5%
Jan	16.1%	15.1%	14.5%	14.7%	12.5%
Feb	16.1%	14.3%	13.4%	13.4%	12.5%
Mar	16.0%	14.8%	14.6%	12.8%	12.5%
Average	14.2%	13.6%	14.6%	14.6%	12.5%
				Budget	14.7%

Working Days	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023
Total	253	254	253	253	253
Diff from Year before		1	-1	0	0
Change		0.40%	-0.39%	0.00%	0.00%

General Waste Tonnes	2018/2019	2019/2020	Difference	
Apr	24,372	23,884	- 488	-2.00%
May	26,665	24,959	- 1,706	-6.40%
Jun	24,846	23,230	- 1,616	-6.50%
Jul	25,675	25,793	118	0.46%
Aug	24,474	23,681	- 792	-3.24%
Sep	23,095	22,346	- 750	-3.25%
Oct	25,559	24,737	- 822	-3.22%
Nov	24,929	24,134	- 794	-3.19%
Dec	23,790	23,027	- 763	-3.21%
Jan	24,331	23,558	- 774	-3.18%
Feb	21,530	20,837	- 692	-3.22%
Mar	23,056	22,309	- 747	-3.24%
Total	**292,321**	**282,495**	**- 9,826**	**-3.36%**

Co-Mingled Tonnes	2018/2019	2019/2020	Difference	
Apr	5,371	5,428	57	1.06%
May	5,976	5,786	- 190	-3.17%
Jun	5,674	5,369	- 305	-5.37%
Jul	5,964	5,976	12	0.20%
Aug	5,216	5,139	- 76	-1.46%
Sep	5,342	5,266	- 76	-1.42%
Oct	5,928	5,842	- 86	-1.46%
Nov	5,936	5,850	- 86	-1.45%
Dec	6,102	6,017	- 85	-1.40%
Jan	6,028	5,936	- 92	-1.52%
Feb	4,978	4,903	- 75	-1.51%
Mar	5,349	5,271	- 78	-1.46%
Total	**67,864**	**66,783**	**- 1,081**	**-1.59%**

Detritus Waste Tonnes	2018/2019	2019/2020	Difference	
Apr	420	309	- 111	-26.35%
May	470	358	- 112	-23.84%
Jun	388	348	- 40	-10.27%
Jul	435	346	- 89	-20.48%
Aug	410	340	- 69	-16.90%
Sep	362	325	- 37	-10.31%
Oct	454	389	- 64	-14.15%
Nov	626	532	- 94	-14.97%
Dec	398	326	- 72	-18.15%
Jan	292	253	- 38	-13.18%
Feb	321	317	- 5	-1.41%
Mar	410	406	- 5	-1.10%
Total	**4,986**	**4,250**	**- 736**	**-14.76%**

Co-mingled Contamination Tonnes	2018/2019	2019/2020	Difference	
Apr	750	617	- 134	-17.84%
May	728	763	35	4.76%
Jun	786	704	- 83	-10.52%
Jul	899	738	- 161	-17.88%
Aug	771	646	- 126	-16.28%
Sep	868	657	- 211	-24.36%
Oct	918	730	- 189	-20.55%
Nov	807	730	- 77	-9.54%
Dec	1,001	752	- 249	-24.86%
Jan	883	746	- 138	-15.57%
Feb	666	613	- 53	-7.90%
Mar	685	657	- 28	-4.05%
Total	**9,764**	**8,352**	**- 1,412**	**-14.46%**

Green Waste Tonnes	2018/2019	2019/2020	Difference	
Apr	358	399	40	11.24%
May	562	459	- 103	-18.30%
Jun	493	454	- 40	-8.03%
Jul	337	423	86	25.58%
Aug	375	382	7	1.92%
Sep	360	387	28	7.78%
Oct	395	431	36	9.09%
Nov	417	508	92	22.00%
Dec	355	447	93	26.07%
Jan	525	503	- 21	-4.08%
Feb	173	184	11	6.23%
Mar	276	277	1	0.33%
Total	**4,626**	**4,855**	**230**	**4.97%**

Wood Waste Tonnes	2018/2019	2019/2020	Difference	
Apr	327	395	68	20.91%
May	339	348	10	2.92%
Jun	317	333	16	4.92%
Jul	335	439	104	31.12%
Aug	291	336	45	15.40%
Sep	278	321	43	15.44%
Oct	319	368	49	15.50%
Nov	279	322	43	15.50%
Dec	275	318	43	15.47%
Jan	309	357	48	15.52%
Feb	293	339	45	15.51%
Mar	365	421	56	15.48%
Total	**3,726**	**4,297**	**571**	**15.32%**

After 4 months of 2019/2020

General Waste Delivered (Tonnes)

	2015/2016	2016/2017	2017/2018	2018/2019	TO DATE 2019/2020	FORECAST 2019/2020	Annual Change Tonnes	Annual Change Percent	2019/2020 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	61,562	60,602	58,478	57,772	19,157	55,519	- 2,253	-3.90%	57,885	- 2,366	-4.09%
KC	61,110	60,292	59,730	59,581	19,646	57,525	- 2,057	-3.45%	59,990	- 2,465	-4.11%
LA	93,483	92,784	89,451	89,226	29,609	86,052	- 3,173	-3.56%	88,538	- 2,485	-2.81%
WA	79,542	79,034	77,251	76,028	25,980	74,601	- 1,427	-1.88%	76,486	- 1,884	-2.46%
WRWA	12,355	11,792	10,749	9,713	3,474	8,798	- 916	-9.43%	9,416	- 618	-6.56%
Total	308,051	304,504	295,660	292,321	97,866	282,495	- 9,826	-3.36%	292,314	- 9,819	-3.36%
Change		- 3,547	- 8,844	- 3,339		- 9,826					
Percentage Change		-1.15%	-2.90%	-1.13%		-3.36%					

Co-Mingled Waste Delivered (Tonnes)

	2015/2016	2016/2017	2017/2018	2018/2019	TO DATE 2019/2020	FORECAST 2019/2020	Annual Change Tonnes	Annual Change Percent	2019/2020 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	11,463	11,520	11,305	11,146	3,849	11,272	126	1.13%	11,277	- 6	-0.05%
KC	16,711	16,307	15,889	16,087	5,399	16,044	- 43	-0.27%	16,144	- 100	-0.62%
LA	18,379	18,388	19,902	19,858	6,457	19,212	- 646	-3.25%	20,096	- 885	-4.40%
WA	19,699	20,180	19,900	20,173	6,615	19,524	- 648	-3.21%	20,410	- 885	-4.34%
WRWA	379	339	437	601	239	732	131	21.75%	672	60	8.98%
Total	66,630	66,733	67,433	67,864	22,559	66,783	- 1,081	-1.59%	68,599	- 1,815	-2.65%
Change		103	700	431		- 1,081					
Percentage Change		0.15%	1.05%	0.64%		-1.59%					

Co-Mingled Contamination (Percentage)

	2015/2016	2016/2017	2017/2018	2018/2019	TO DATE 2019/2020	FORECAST 2019/2020	Change in Percentage Point
HF	14.41%	14.02%	14.09%	15.19%	13.38%	13.38%	-1.81%
KC	14.10%	11.86%	12.23%	11.66%	10.02%	10.02%	-1.63%
LA	14.17%	13.90%	16.46%	16.40%	14.25%	14.25%	-2.15%
WA	14.29%	14.73%	14.80%	14.14%	12.33%	12.33%	-1.81%
WRWA	14.24%	13.64%	14.59%	14.57%	12.50%	12.50%	-2.07%

Co-Mingled Contamination (Tonnes)

	2015/2016	2016/2017	2017/2018	2018/2019	TO DATE 2019/2020	FORECAST 2019/2020	Annual Change Tonnes	Annual Change Percent	2017/2018 Budget Percentage	2019/2020 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	1,652	1,616	1,593	1,693	515	1,508	- 185	-10.92%	15.5%	1,750	- 241	-13.80%
KC	2,357	1,934	1,943	1,875	541	1,608	- 267	-14.25%	11.7%	1,890	- 282	-14.93%
LA	2,604	2,556	3,276	3,257	920	2,738	- 519	-15.92%	16.7%	3,352	- 614	-18.31%
WA	2,816	2,973	2,946	2,852	815	2,406	- 446	-15.62%	14.2%	2,904	- 498	-17.14%
WRWA	54	46	64	88	30	92	4	4.44%	14.7%	99	- 7	-7.10%
Total	9,482	9,124	9,821	9,764	2,822	8,352	- 1,412	-14.46%	14.6%	9,994	- 1,642	-16.43%
Change		- 358	697	- 57		- 1,412						
Percentage Change		-3.78%	7.64%	-0.58%		-14.46%						

Green Waste Delivered (Tonnes)

	2015/2016	2016/2017	2017/2018	2018/2019	TO DATE 2019/2020	FORECAST 2019/2020	Annual Change Tonnes	Annual Change Percent	2019/2020 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	75	114	115	121	-	-	- 121	-100.00%	149	- 149	-100.00%
KC	494	359	387	429	127	464	35	8.20%	435	28	6.53%
LA	323	241	298	546	83	933	386	70.66%	543	390	71.73%
WA	483	552	503	340	55	348	8	2.23%	260	88	34.04%
WRWA	2,749	3,217	3,065	3,190	1,470	3,111	- 78	-2.46%	3,077	34	1.10%
Total	4,124	4,483	4,368	4,626	1,734	4,855	230	4.97%	4,464	391	8.76%
Change		359	- 115	257		230					
Percentage Change		8.72%	-2.57%	5.89%		4.97%					

Clinical Waste Delivered (Tonnes)

	2015/2016	2016/2017	2017/2018	2018/2019	TO DATE 2019/2020	FORECAST 2019/2020	Annual Change Tonnes	Annual Change Percent	2019/2020 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	34	30	27	23	6	19	- 4	-18.11%	22	- 4	-16.47%
KC	4	3	2	2	1	2	0	8.65%	1	0	30.73%
LA	2	2	1	3	1	3	1	34.58%	3	1	27.90%
WA	58	60	65	64	23	63	- 1	-2.18%	68	- 5	-7.66%
WRWA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
Total	98	95	96	92	30	87	- 5	-4.94%	95	- 8	-8.15%
Change		- 3	1	- 4		- 5					
Percentage Change		-2.74%	0.57%	-4.14%		-4.94%					

Detritus Waste Delivered (Tonnes)

	2015/2016	2016/2017	2017/2018	2018/2019	TO DATE 2019/2020	FORECAST 2019/2020	Annual Change Tonnes	Annual Change Percent	2019/2020 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	951	813	733	611	130	326	- 285	-46.61%	680	- 354	-52.04%
KC	650	536	499	623	316	1,283	659	105.78%	559	724	129.53%
LA	678	587	610	760	134	350	- 410	-53.95%	860	- 510	-59.31%
WA	2,609	2,482	2,539	2,992	781	2,291	- 701	-23.42%	3,232	- 941	-29.12%
WRWA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
Total	4,888	4,418	4,380	4,986	1,361	4,250	- 736	-14.76%	5,331	- 1,081	-20.28%
Change		- 470	- 38	606		- 736					
Percentage Change		-9.62%	-0.85%	13.82%		-14.76%					

Battery Waste Delivered (Tonnes)

	2015/2016	2016/2017	2017/2018	2018/2019	TO DATE 2019/2020	FORECAST 2019/2020	Annual Change Tonnes	Annual Change Percent	2019/2020 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	2	1	1	1	0	1	0	39.28%	1	0	20.28%
KC	-	-	-	-	-	-	-	0.00%	-	-	0.00%
LA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
WA	-	0	-	-	-	-	-	0.00%	-	-	0.00%
WRWA	28	25	22	15	5	20	5	34.69%	8	12	142.24%
Total	30	25	23	15	5	21	5	34.91%	9	12	130.87%
Change		- 5	- 2	- 8		5					
Percentage Change		-15.60%	-9.16%	-33.48%		34.91%					

Electrical Waste Delivered (Tonnes)

	2015/2016	2016/2017	2017/2018	2018/2019	TO DATE 2019/2020	FORECAST 2019/2020	Annual Change Tonnes	Annual Change Percent	2019/2020 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	45	44	15	9	2	5	- 3	-40.11%	8	- 3	-35.09%
KC	37	49	27	33	8	19	- 14	-42.46%	35	- 15	-44.54%
LA	196	194	172	122	1	2	- 120	-98.23%	104	- 102	-97.93%
WA	3	3	10	3	1	2	- 1	-25.29%	3	- 1	-38.90%
WRWA	858	806	738	751	250	742	- 8	-1.12%	728	14	1.96%
Total	1,139	1,095	964	917	261	771	- 147	-15.98%	878	- 107	-12.24%
Change		- 44	- 131	- 47		- 147					
Percentage Change		-3.89%	-11.96%	-4.83%		-15.98%					

Fridge Waste Delivered (Tonnes)

	2015/2016	2016/2017	2017/2018	2018/2019	TO DATE 2019/2020	FORECAST 2019/2020	Annual Change Tonnes	Annual Change Percent	2019/2020 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	93	101	94	91	27	80	- 11	-12.20%	89	- 9	-9.99%
KC	60	64	61	64	18	56	- 8	-12.00%	56	0	0.40%
LA	207	212	182	179	44	119	- 59	-33.26%	175	- 56	-32.03%
WA	128	123	100	96	40	114	19	19.59%	89	26	28.95%
WRWA	59	86	65	78	25	81	4	4.89%	67	15	21.91%
Total	548	587	503	507	153	451	- 56	-10.99%	476	- 25	-5.16%
Change		39	- 83	4		- 56					
Percentage Change		7.12%	-14.19%	0.76%		-10.99%					

Gas Bottle Waste Delivered (Tonnes)

	2015/2016	2016/2017	2017/2018	2018/2019	TO DATE 2019/2020	FORECAST 2019/2020	Annual Change Tonnes	Annual Change Percent	2019/2020 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	1	1	2	1	0	1	-1	-52.81%	1	-1	-52.51%
KC	1	0	1	1	0	0	-0	-47.25%	1	-0	-34.32%
LA	4	2	4	3	1	1	-1	-52.61%	4	-3	-65.95%
WA	3	1	2	1	0	0	-1	-80.90%	1	-1	-76.65%
WRWA	-	-	19	15	5	11	-4	-26.47%	11	-0	-1.95%
Total	9	5	27	21	7	14	-8	-35.93%	18	-5	-25.18%
Change		-5	22	-6		-8					
Percentage Change		-48.73%	461.98%	-21.99%		-35.93%					

Carpet Waste Delivered (Tonnes)

	2015/2016	2016/2017	2017/2018	2018/2019	TO DATE 2019/2020	FORECAST 2019/2020	Annual Change Tonnes	Annual Change Percent	2019/2020 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	111	516	246	91.47%	-	516	0.00%
Total	-	-	-	269	111	516	246	91.47%	-	516	0.00%
Change		-	-	269		246					
Percentage Change						91.47%					

Inert Waste Delivered (Tonnes)

	2015/2016	2016/2017	2017/2018	2018/2019	TO DATE 2019/2020	FORECAST 2019/2020	Annual Change Tonnes	Annual Change Percent	2019/2020 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	-	-	-	-	-	-	-	0.00%	-	-	0.00%
KC	-	2	-	-	-	-	-	0.00%	-	-	0.00%
LA	13	10	-	1	-	1	0	0.40%	1	-	0.00%
WA	12	4	23	0	0	0	0	425.40%	0	0	423.33%
WRWA	830	1,061	1,212	1,624	723	1,993	369	22.71%	1,581	412	26.04%
Total	855	1,076	1,235	1,625	723	1,995	369	22.72%	1,582	412	26.05%
Change		221	158	390		369					
Percentage Change		25.83%	14.72%	31.62%		22.72%					

Oil/Paint Waste Delivered (Tonnes)

	2015/2016	2016/2017	2017/2018	2018/2019	TO DATE 2019/2020	FORECAST 2019/2020	Annual Change Tonnes	Annual Change Percent	2019/2020 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	-	-	-	0	-	-	-0	-100.00%	0	-0	-100.00%
KC	-	-	-	-	-	-	-	0.00%	-	-	0.00%
LA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
WA	-	-	0	-	-	-	-	0.00%	-	-	0.00%
WRWA	9	17	15	17	3	11	-6	-33.63%	16	-5	-30.68%
Total	9	17	15	17	3	11	-6	-34.18%	16	-5	-31.28%
Change		8	-1	1		-6					
Percentage Change		86.28%	-8.08%	9.04%		-34.18%					

Paper/Cardboard Waste Delivered (Tonnes)

	2015/2016	2016/2017	2017/2018	2018/2019	TO DATE 2019/2020	FORECAST 2019/2020	Annual Change Tonnes	Annual Change Percent	2019/2020 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	-	-	-	-	-	-	-	0.00%	-	-	0.00%
KC	-	-	-	-	-	-	-	0.00%	-	-	0.00%
LA	255	321	484	439	127	371	-68	-15.49%	453	-82	-18.12%
WA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
WRWA	713	806	827	793	295	973	180	22.68%	738	235	31.82%
Total	968	1,127	1,311	1,232	422	1,344	112	9.08%	1,192	153	12.82%
Change		159	185	-79		112					
Percentage Change		16.42%	16.39%	-6.02%		9.08%					

Scrap Metal Waste Delivered (Tonnes)

	2015/2016	2016/2017	2017/2018	2018/2019	TO DATE 2019/2020	FORECAST 2019/2020	Annual Change Tonnes	Annual Change Percent	2019/2020 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	8	11	13	4	1	1	-3	-76.09%	5	-4	-81.36%
KC	3	1	1	1	-	1	0	0.40%	1	-	0.00%
LA	128	150	115	112	44	132	20	18.05%	90	42	46.87%
WA	-	0	2	0	-	0	0	0.40%	0	-0	-29.27%
WRWA	573	697	687	721	277	708	-13	-1.78%	730	-22	-3.03%
Total	711	859	818	837	321	842	4	0.53%	826	16	1.93%
Change		148	-42	20		4					
Percentage Change		20.80%	-4.86%	2.42%		0.53%					

Textile Waste Delivered (Tonnes)

	2015/2016	2016/2017	2017/2018	2018/2019	TO DATE 2019/2020	FORECAST 2019/2020	Annual Change Tonnes	Annual Change Percent	2019/2020 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	204	209	205	234	88	270	36	15.28%	493	- 224	-45.31%
Total	204	209	205	234	88	270	36	15.28%	493	- 224	-45.31%
Change		5	- 5	30		36					
Percentage Change		2.49%	-2.25%	14.42%		15.28%					

Tyre Waste Delivered (Tonnes)

	2015/2016	2016/2017	2017/2018	2018/2019	TO DATE 2019/2020	FORECAST 2019/2020	Annual Change Tonnes	Annual Change Percent	2019/2020 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	1	0	0	0	-	-	- 0	-100.00%	0	- 0	-100.00%
KC	-	0	0	-	-	-	-	0.00%	-	-	0.00%
LA	11	8	12	12	3	5	- 7	-58.47%	11	- 6	-55.58%
WA	1	2	1	1	0	0	- 1	-76.14%	1	- 1	-78.77%
WRWA	0	-	-	0	-	-	- 0	-100.00%	0	- 0	-100.00%
Total	13	11	13	13	3	5	- 8	-60.77%	13	- 7	-58.62%
Change		- 1	2	1		- 8					
Percentage Change		-11.16%	13.45%	4.52%		-60.77%					

Wood Waste Delivered (Tonnes)

	2015/2016	2016/2017	2017/2018	2018/2019	TO DATE 2019/2020	FORECAST 2019/2020	Annual Change Tonnes	Annual Change Percent	2019/2020 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	-	-	-	-	-	-	-	0.00%	-	-	0.00%
KC	-	-	1	1	-	1	0	0.40%	2	- 1	-48.96%
LA	366	273	245	251	104	286	35	13.94%	245	41	16.62%
WA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
WRWA	3,022	3,223	3,165	3,474	1,411	4,010	536	15.42%	3,280	729	22.23%
Total	3,387	3,496	3,411	3,726	1,515	4,297	571	15.32%	3,528	769	21.79%
Change		109	- 86	315		571					
Percentage Change		3.21%	-2.45%	9.24%		15.32%					

Total Waste Delivered (Tonnes)

	2015/2016	2016/2017	2017/2018	2018/2019	TO DATE 2019/2020	FORECAST 2019/2020	Annual Change Tonnes	Annual Change Percent	2019/2020 Budget Tonnes	Budget Change Tonnes	Budget Change Percent
HF	74,234	73,236	70,785	69,779	23,172	67,224	- 2,555	-3.66%	70,119	- 2,895	-4.13%
KC	79,068	77,613	76,597	76,822	25,514	75,395	- 1,427	-1.86%	77,224	- 1,829	-2.37%
LA	114,046	113,172	111,477	111,510	36,608	107,467	- 4,043	-3.63%	111,124	- 3,657	-3.29%
WA	102,539	102,442	100,395	99,698	33,495	96,945	- 2,753	-2.76%	100,550	- 3,605	-3.59%
WRWA	21,778	22,277	21,208	21,494	8,376	21,976	481	2.24%	20,819	1,157	5.56%
Total	391,665	388,741	380,462	379,303	127,165	369,006	- 10,297	-2.71%	379,835	- 10,828	-2.85%
Change		- 2,924	- 8,279	- 1,159		- 10,297					
Percentage Change		-0.75%	-2.13%	-0.30%		-2.71%					

Local Authority Collected Waste (Tonnes)

Forecast after 4 months of 2019/2020 | Printed 22/8/2019 10:15

	HF	KC	LA	WA	HWRC	Total	Share	Adjusted for Contamination	Share
Co-Mingled Recyclables	11,272	16,044	19,212	19,524	732	66,783	18%	58,431	16%
Detritus Waste	326	1,283	350	2,291	-	4,250	1%	4,250	1%
General Waste	55,519	57,525	86,052	74,601	8,798	282,495	77%	290,847	79%
Green Waste	-	464	933	348	3,111	4,855	1%	4,855	1%
Wood Waste	-	1	286	-	4,010	4,297	1%	4,297	1%
Other Waste	107	79	635	181	5,325	6,326	2%	6,326	2%
TOTAL WASTE	**67,224**	**75,395**	**107,467**	**96,945**	**21,976**	**369,006**	**100%**	**369,006**	**100%**
Co-Mingled Contamination	1,508	1,608	2,738	2,406	92	8,352			

Local Authority Collected Waste (£)

	£/T	HF	KC	LA	WA	HWRC	Total	Share	Adjusted for Contamination	Share
Co-Mingled Recyclables	28.00	315,602	449,228	537,924	546,679	20,504	1,869,937	4%	1,869,937	4%
Detritus Waste	81.50	26,597	104,539	28,511	186,730	-	346,378	1%	346,378	1%
General Waste	150.50	8,355,647	8,657,476	12,950,874	11,227,473	1,324,030	42,515,501	93%	43,772,472	93%
Green Waste	100.00	-	46,364	93,263	34,785	311,118	485,531	1%	485,531	1%
Wood Waste	112.50	-	138	32,131	-	451,093	483,362	1%	483,362	1%
Other Waste		17,759	5,307	169	50,709	47,116	121,061	0%	121,061	0%
SUB-TOTAL COST		8,942,601	9,505,019	14,054,939	12,408,546	2,167,634	45,821,769	100%	**47,078,740**	100%
Co-Mingled Contamination	150.50	226,996	241,967	412,066	362,170	13,772	1,256,971			
						TOTAL COST	47,078,740			

Local Authority Collected Waste (Tonnes) Adjusted for Contamination

	HF	KC	LA	WA	HWRC	WRWA
Co-Mingled Recyclables	9,763	14,436	16,474	17,118	641	58,431
Detritus Waste	326	1,283	350	2,291	-	4,250
General Waste	57,028	59,133	88,790	77,008	8,889	290,847
Green Waste	-	464	933	348	3,111	4,855
Wood Waste	-	1	286	-	4,010	4,297
Other Waste	107	79	635	181	5,325	6,326
TOTAL WASTE	**67,224**	**75,395**	**107,467**	**96,945**	**21,976**	**369,006**

Local Authority Collected Waste (Tonnes) Other Estimated Adjustments

	HF	KC	LA	WA	HWRC	WRWA
HWRC Recycling Tonnage assigned to Councils	2,469	3,055	3,417	4,146	- 13,087	
Mixed Food & Garden Waste			4,500			4,500
Other Third Party Recycling	350	250	2050	500		3,150
TOTAL Local Authority Collected Waste	**70,043**	**78,700**	**117,434**	**101,591**	**8,889**	**376,656**

Household Waste Data from Waste DataFlow

Forecast after 4 Quarters of 2017/2018

* Allocated to Consituent Councils

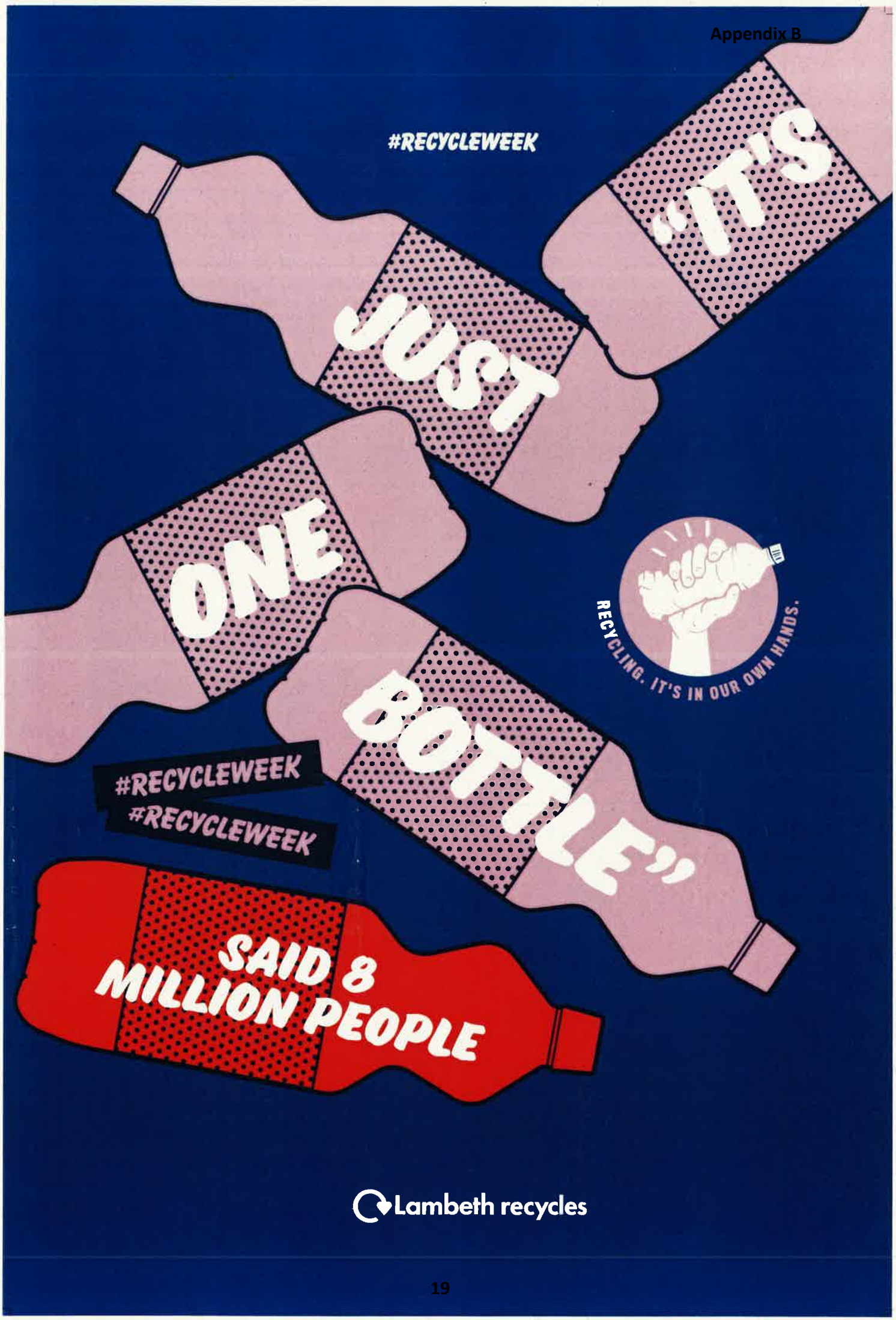
	HF	KC	LA	WA	HWRC	WRWA
Residual Household Waste	36,666	38,560	58,450	73,955	8,889	216,520
HH Dry Recycling Tonnage	10,467	12,395	19,150	18,954	*	60,966
HH Compost Tonnage	895	1,278	5,672	1,978	*	9,824
Total Household Waste	48,028	52,233	83,272	94,887	8,889	287,309
HH Waste Sent for Recycling or Composting	11,362	13,673	24,822	20,932	*	70,790
Non-Household Residual Waste	20,362	20,573	30,340	3,053	-	74,327
Non-Household Recycling & Composting	1,653	5,894	3,822	3,651	-	15,019
Total Non-Household Waste	22,015	26,467	34,162	6,703	-	89,347
Total Local Authority Collected Waste	70,043	78,700	117,434	101,591	8,889	376,656

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	0.4	12.0
Residual HH Waste per HH (kg/week)	8.1	8.4	8.0	10.0	0.4	9.1
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	0.2	5.6
Residual HH Waste per Resident (kg/week)	3.9	4.7	3.4	4.4	0.2	4.2
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%	*	21.2%
HH Compost %	1.9%	2.4%	6.8%	2.1%	*	3.4%
HH Recycling/composting %	23.7%	26.2%	29.8%	22.1%	*	24.6%
Municipal Recycling/composting %	18.6%	24.9%	24.4%	24.2%	*	22.8%

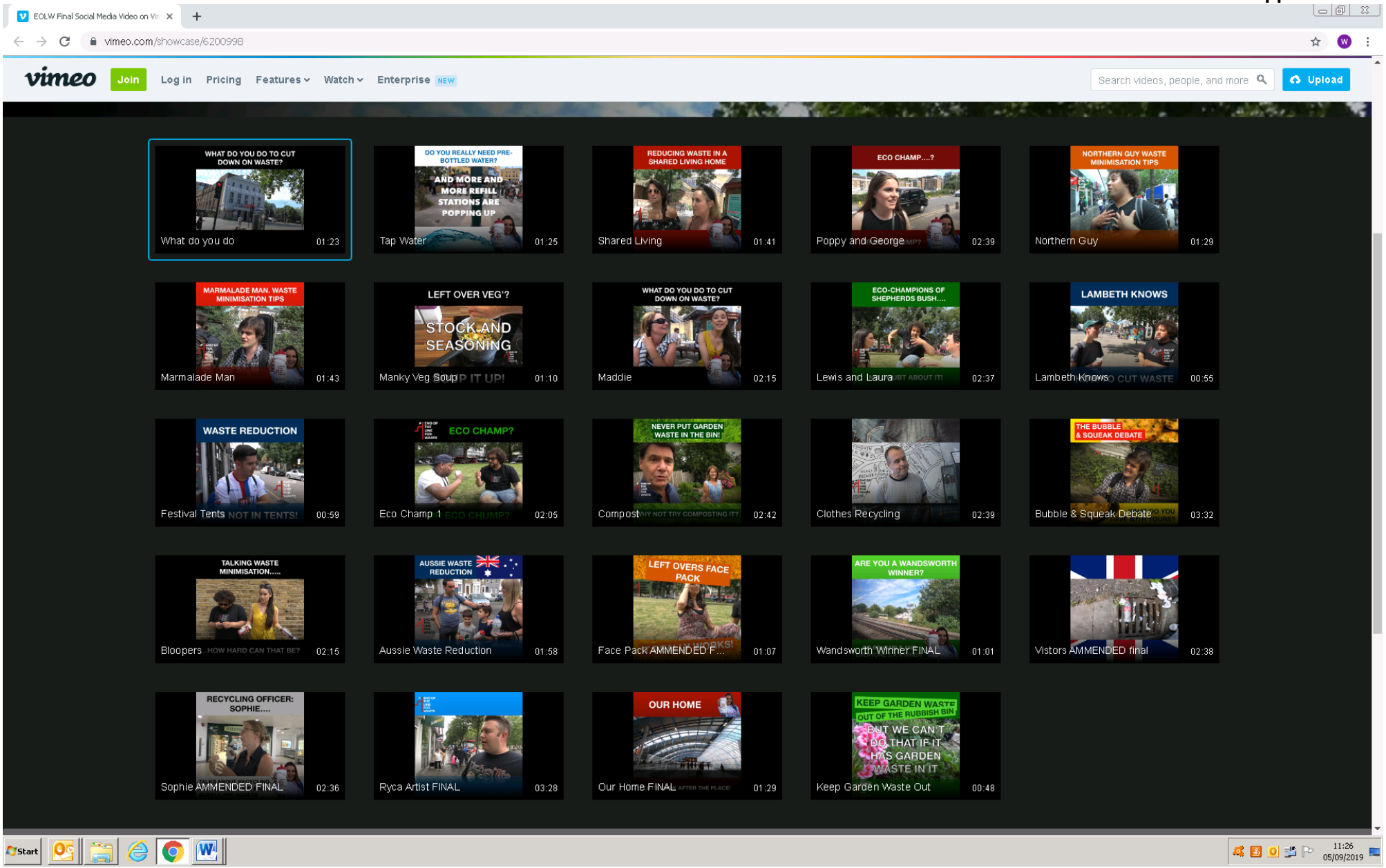

#RECYCLEWEEK
"IT'S
JUST
ONE
BOTTLE"
RECYCLING. IT'S IN OUR OWN HANDS.
#RECYCLEWEEK
#RECYCLEWEEK
SAID 8
MILLION PEOPLE
Lambeth recycles

#RECYCLEWEEK

RECYCLE ~~LATER~~ ~~TOMORROW~~ NOW!



London recycles


EOLW Final Social Media Video on Vi
vimeo.com/showcase/6200998
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Join
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Pricing
Features
Watch
Enterprise NEW
Search videos, people, and more
Upload
WHAT DO YOU DO TO CUT DOWN ON WASTE?
What do you do 01:23
DO YOU REALLY NEED PRE-BOTTLED WATER?
AND MORE AND MORE REFILL STATIONS ARE POPPING UP
Tap Water 01:25
REDUCING WASTE IN A SHARED LIVING HOME
Shared Living 01:41
ECO CHAMP....?
Poppy and George 02:39
NORTHERN GUY WASTE MINIMISATION TIPS
Northern Guy 01:29
MARMALADE MAN. WASTE MINIMISATION TIPS
Marmalade Man 01:43
LEFT OVER VEG'?
STOCK AND SEASONING
Manky Veg Soup 01:10
WHAT DO YOU DO TO CUT DOWN ON WASTE?
Maddie 02:15
ECO-CHAMPIONS OF SHEPHERDS BUSH....
Lewis and Laura 02:37
LAMBETH KNOWS
Lambeth Knows 00:55
WASTE REDUCTION
Festival Tents 00:59
ECO CHAMP?
Eco Champ 1 02:05
NEVER PUT GARDEN WASTE IN THE BIN!
Compost 02:42
Clothes Recycling 02:39
THE BUBBLE & SQUEAK DEBATE
Bubble & Squeak Debate 03:32
TALKING WASTE MINIMISATION.....
Bloopers 02:15
AUSSIE WASTE REDUCTION
Aussie Waste Reduction 01:58
LEFT OVERS FACE PACK
Face Pack AMMENDED F... 01:07
ARE YOU A WANDSWORTH WINNER?
Wandsworth Winner FINAL 01:01
Vistors AMMENDED final 02:38
RECYCLING OFFICER: SOPHIE....
Sophie AMMENDED FINAL 02:36
Ryca Artist FINAL 03:28
OUR HOME
Our Home FINAL 01:29
KEEP GARDEN WASTE OUT OF THE RUBBISH BIN
BUT WE CAN'T DO THAT IF IT HAS GARDEN WASTE IN IT
Keep Garden Waste Out 00:48
Start
11:26
05/09/2019

Where does my recycling go?

Glass

Ayrshire, Scotland UK, South Yorkshire and Cheshire



Paper

Newspapers and Pamphlets

UK, Vale of Glamorgan Holland and Norway



Norway

Cardboard

Belguim



Plastic bottles

Milk, fizzy drinks etc.

UK, Leicestershire and Germany



Ayrshire

West Yorkshire

Cans

Steel and Aluminuim

UK, West Glamorgan and Germany



Plastic Pots, tubs and trays

UK, West Yorkshire



Cheshire

South Yorkshire

Lincolnshire

Leicestershire

West Glamorgan

Northamptonshire

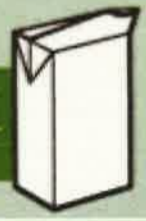
Vale of Glamorgan

Essex

Holland

Cartons

Holland and Gemany



Sturdy plastics

Trigger Spray, Plastic Containers

UK, Essex and Lincolnshire



Belguim

Germany


It really does
get recycled!*
THE ROYAL BOROUGH OF
KENSINGTON
AND CHELSEA
*Providing you put it in the right recycling bag or bin!
Find out more at: rbkc.gov.uk/recycling
Kensington and
Chelsea recycles

h&f
hammersmith & fulham



It really does get recycled!

Everything you put out for recycling gets recycled.

Cans are recycled into parts for cars, bikes, planes or anything else made from steel or aluminium including new cans.

But, to do this, we need the right things put in the right bins.

Putting the right stuff in the right recycling bag or bin is important, it means your recyclable items have an opportunity to become something new.

Let's all work together and get recycling right.

Find out more at:
lbhf.gov.uk/recycling-and-rubbish

London recycles