

Paper No. WRWA **24-04****WESTERN RIVERSIDE WASTE AUTHORITY**

MEETING	8 th February 2024								
REPORT AUTHOR/DATE	General Manager <i>(Contact Rachel Espinosa - Tel. 020 8871 2788)</i> 25 th January 2024								
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) DIY Waste
 - c) Performance Monitoring
 - d) Communications 2024/25
 - e) Waste Electrical and Electronic Equipment (WEEE) consultation
 - f) Weekly Food Waste Collection funding
 - g) Emissions Trading Scheme
 - h) Carbon Capture and Storage
 - i) Recruitment of General Manager & Interim Deputy General Manager
 - j) Constituent Council New Recycling Initiatives
 - k) Members Visits
 - l) Western Riverside Environmental Fund
 - m) Items costing between £5,000 and £30,000
 - n) Comments of the Treasurer
 - o) Recommendations

RECOMMENDATIONS

2. It is recommended that the Authority:
 - a) Approve that the current arrangements for receipt of DIY Waste from residents in cars continue, with officers reporting back to Members at the June Authority meeting, highlighting any increase in DIY type waste (see paragraphs 13 to 15 below);
 - b) approve the proposed communications budget of £45,000 for 2024/25 as detailed in paragraphs 18 to 21 below;
 - c) delegate authority to the Interim General Manager to draft a response to the Government's consultation on Consultation for submission in consultation with the Chair;
 - d) agree to respond to the letter from the Government on Food Waste Collection Grant funding (see paragraphs 29 to 31 below), delegating

authority to conclude these to the Interim General Manager in consultation with the Chair; and

- e) otherwise receive this report as information.

OPERATIONS

- 3. Since the last Authority committee meeting, operations at Smugglers Way and Cringle Dock have been affected by two MRF plant break downs and a major fire incident.

Smugglers Way

- 4. Disruption was caused by the breakdown of the MRF Crane on 15th November 2023. Lambeth's dedicated Recycling vehicles were diverted to the Cringle Dock Transfer Station from 7.30am. The crane was operational from mid-afternoon with usual Borough tipping arrangements resuming the following day.
- 5. A further breakdown in the MRF took place on 3rd January 2024. At 8.30am, Lambeth and Kensington and Chelsea's Recycling deliveries were directed to the Cringle Dock Transfer Station for the remainder of the day with normal tipping operations resuming on the following day.

Cringle Dock

- 6. At approximately 6.30pm on 9th January 2024, a fire started in the Bay 1 hopper and spread to the bunker. The London Fire Brigade (LFB) attended site and deployed hoses, engaging in active firefighting until approximately 8.00am the following day. The Transfer Station was partially open to borough vehicles at 7.00am and fully open at 6pm.
- 7. During the period of closure, Boroughs were advised that any night-time deliveries should be diverted to the Walbrook Wharf Transfer Station in EC4, which is licenced to receive waste 24 hours a day.
- 8. The effect on deliveries by Borough refuse collection vehicles was far less than it would have been should the fire have occurred earlier in the day.

RECEIPT OF INDUSTRIAL WASTE (DIY TYPE WASTE)

- 9. Following the repeal of Section 1 of the Refuse Disposal Act (RDA) 1978 on 1st April 2012, and the subsequent officer review of the operation of the Smugglers Way Household Waste and Recycling Centre in February 2013 (Paper No. WRWA

728), Members approved the following arrangements for the receipt of industrial waste from residents:

- a) from 1st April 2013 to limit the free delivery of HWRC Waste in vans to that which most people would reasonably take with them when moving house and which could not reasonably be delivered in a car, e.g. large items of freestanding furniture, white goods and so forth;
- b) to continue to accept at the HWRC, free of charge from residents using cars, motorcycles, bicycles or on foot, reasonable amounts of waste that is technically defined as industrial (such as tiles, windows, doors, timber and wooden flooring, bricks, rubble, paving, stones and hardcore, bathroom suites and fittings, fencing, sheds, kitchen units and fittings, soil, turf, etc)

10. Following the announcement of new legislation relating to the receipt of Industrial Waste on 22nd November 2023 - [Controlled Waste \(England and Wales\) \(Amendment\) \(England\) Regulations 2023](#) -it has proved necessary to change the arrangements in 8a) above.

Industrial (DIY) Waste delivered to the Transfer Station in a Van

11. The new legislation requires that all local authorities accept a certain amount of DIY waste from residents for free and so, with effect from 31st December 2023, if a resident wishing to drop off DIY Waste in a van, completes a booking form and produces Photo ID on arrival, we have been receiving up to:

- 100 litres of bagged DIY waste, or
- one large item no bigger than 2m x 0.75m x 0.7m i.e. one bath tub, one door or one kitchen unit

for free, every week.

12. This change has been advertised on the Authority's website and details have been forwarded to Borough officers.

Industrial (DIY) Waste delivered to the HWRC by car

13. Unlike some other authorities, residents have been permitted to drop off small amounts of DIY Waste for free if delivered in a car, an amount considered more generous than the amounts required by legislation.

14. The current system relies on the HWRC Booking System to highlight all residents who visited the Centre regularly. Authority officers will then contact the resident to query the nature of the waste being dropped off, there being no inspection of

the load on arrival at the Centre by HWRC staff. Should the resident confirm that it is DIY Waste, they will be informed that whilst they can continue to drop off unlimited Household Waste for free, they will need to pay for any DIY Waste deliveries in future.

15. Officers recommend that rather than restrict residents to the levels determined by legislation (see paragraph 10 above) the Authority agree to continue with current arrangements for the receipt of waste by residents arriving in cars at the Smugglers Way HWRC and report back to Members at the June Authority meeting, highlighting any increase in DIY type waste delivered to the HWRC from January to May 2024 inclusive, compared with the same period in 2023 in order to reconsider this approach if necessary.

PERFORMANCE MONITORING

Introduction

16. Detailed tonnage tables are attached as an Appendix to this report. The modelling to forecast the outturn figures for 2023/24 compares performance against the corresponding period in the previous year. 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 up to 31st December 2023, together with projected outturn tonnages, compared against those budgeted for and the previous financial year's outturn; and
 - b) comparisons of the tonnages of each major waste type handled by each constituent council on an annual basis.

Points to Highlight

17. If the trend in the overall level of waste arisings from the first nine months of 2023/24 continues throughout the remainder of the financial year, there would be a 0.11% decrease compared to the outturn tonnage for 2022/23. Decreases against the 2022/23 outturn figures are currently predicted for all the boroughs except Wandsworth which is showing a 0.90% increase. Tonnages at the Household Waste and Recycling Centre ("**HWRC**") are currently predicted to be 4.63% higher than last year. Most of this increase occurred in May which had three bank holidays due to the Coronation.

COMMUNICATIONS BUDGET 2024/25

18. In 2024/25, the targeted communications of the Authority are proposed to continue efforts to i) reduce Batteries in the waste and recycling streams, using social media only, ii) to highlight the potential to reuse Small Electrical Items at the HWRC and ii) to focus attention on increasing Reuse and Recycling at the HWRC (through social media, signage and HWRC staff training). A total budget of £20,000 has been allocated for these purposes, funded from the levy element of the budget.

Batteries

19. Members will already be aware of the hazards caused by residents disposing of household batteries in with their recycling or waste, either by causing fires in Borough waste collection vehicles or at the Authority's waste facilities. Authority officers have been using social media to highlight the dangers of failing to recycle batteries responsibly for some time, and will continue to do so, in partnership with Borough officers.

Small electrical items

20. Following completion of a successful trial, residents can now leave small electrical items for potential reuse at the Rework Project at the Smugglers Way HWRC. This has been in place since the start of 2023. The items must be in working order and in good cosmetic condition. Large Electrical Items such as washing machines, fridges and freezers in good cosmetic condition have been accepted for reuse by Rework since the start of the Project, but the addition of Small Electrical Items is very welcome. At the time of writing, new permanent HWRC signage has been ordered and, once installed, Authority officers will publicise this new material more widely. This will continue into the 2024/25 financial year.

Other waste management requirements

21. It is also proposed to keep in place a £25,000 budget for any campaigns that may be appropriate for promoting Government plans to introduce new waste management legislation, covering matters such as compulsory food and garden waste collections, a deposit return scheme and extended producer responsibility for packaging waste. This additional element of the budget, if required, will be funded from the Recycling Initiatives Reserve which currently has a balance of £250,000.

22. Members are requested to approve the proposed communications budget of the core £20,000 plus a further £25,000 to be funded from the Recycling Initiatives

Reserve if required, generating a total budget of £45,000 for 2024/25. This remains at the same level as 2023/24.

WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT (WEEE) CONSULTATION

23. The Government launched a consultation on 28th December 2023, closing on 7th March 2024, with proposals to increase the amount of WEEE that is reused or recycled by strengthening the existing producer responsibility system relating to the costs of collection, treatment and disposal of the management of waste WEEE. The consultation explores a range of measures for introduction from 2026 including:
24. UK-wide collections of waste electricals directly from households. Collections would be financed by producers of electrical equipment.
25. Large retailers to take back electrical items in-store for free without the need to buy a replacement product.
26. Retailers and online sellers to collect unwanted or broken large electrical items, such as fridges and cookers, for free on delivery of replacement items.
27. There is no proposal to mandate either small or large WEEE collections by local authorities. That is a favoured option by the Government but it would be for a newly established Scheme Administrator to make the arrangements for household collection with delivery partners. Changes are also proposed to ensure suppliers of vapes properly finance the cost of their separate collection and treatment when the items become waste.
28. It is proposed that the Authority prepares and submits a response that is generally supportive of the proposals including a detailed response to the 74 questions in the consultation. In view of the timeframe for submission in March and that proposed responses by relevant representative bodies for example NAWDO (National Association of Waste Disposal Officers) are not yet available, it is recommended that authority is delegated to the Interim General Manager to draft a response for submission in consultation with the Chair.

WEEKLY FOOD WASTE COLLECTION FUNDING

29. The Government wrote to Waste Collection Authorities (WCAs) on 9th January 2024 with details of grant funding to be allocated for the introduction of weekly household food waste collections, which need to be in place by 1st April 2026. The funding is intended to be 'transitional capital funding' for the purchase of

household food bins (kitchen caddies, kerbside caddies, communal bins) and food waste collection vehicles.

30. The funding for each WCA has been determined through modelling calculated by the Waste Resources Action Programme (WRAP) using a set of 'modules' for common service areas and is based on housing stock type and numbers of properties. No further information on the modelling methodology has been provided.
31. The letter does not make provision for funding the costs of waste bulking, transfer and treatment. This Authority has not received any information on this and is aware that neither have the other five English statutory Joint Waste Disposal Authorities (JWDAs). In consultation with officers at the other JWDAs, it is proposed to draft a joint letter to make representations on whether funding will be available for the handling and treatment of food waste once it has been collected. The Authority may wish to also submit its own response setting out estimated costs for delivering food waste bulking facilities to support the Constituent Council collections.
32. It is recommended that the Authority agrees to respond to the letter, delegating authority to conclude these to the Interim General Manager in consultation with the Chair.
33. It is recommended that Members note that the Authority is included in a letter initiated by Merseyside Waste Disposal Authority.

EMISSIONS TRADING SCHEME UPDATE

34. An overview of the UK Emissions Trading Scheme ("UK ETS") was reported to Members in October 2023 (Paper No. WRWA 23-26). In summary, the UK ETS is a 'cap and trade' scheme which means that a cap is set on the total amount of certain greenhouse gases (mainly CO₂) by the industry sectors covered by the scheme. The cap is reduced over time so that the total emissions must fall in line with decarbonisation and delivering net zero. Within the cap, operators can buy emission allowances and trade allowances with other operators as needed.
35. Energy from Waste will be included in the UK ETS in 2028 and this will be preceded by a 2-year phasing period (2026-28), during which time operators will need to report their fossil emissions as part of their monitoring, verification and reporting (MRV) arrangements. It is expected that subject to contractual arrangements, operators will pass costs through to their customers, including local authorities, but it is not yet known if this applies to the phasing period.

36. The Environmental Services Association (“ESA”) has calculated that depending on the carbon price, the UK ETS could add on between £23-£68 per tonne of waste to the costs of waste disposal. Given that the scheme covers fossil carbon only, focussing efforts to reduce plastic and other fossil-based materials in the Authorities’ residual waste would be beneficial. The UK ETS Authority announced in December 2023 that it will shortly publish a technical consultation ahead of implementing the phasing period in 2026. Further updates on this will be provided to future meetings of this Authority.

CARBON CAPTURE UPDATE

37. The UK ETS provides an incentive to adopt Carbon Capture, Utilisation and Storage (“CCUS”) to reduce emissions. The UK Government pledged £20 billion in its Spring budget to fund CCUS in the UK. Cory, the Authority’s waste contractor, is expected to apply for a Development Consent Order to install a CCUS system at its site in Belvedere. The system is expected to capture up to 95% of the total CO₂ emissions produced by Riverside 1 EfW, the plant that treats the Authority’s residual waste.

38. Cory’s latest estimate is that the CCUS system will be in place and exporting CO₂ on or before 2030, subject to receiving planning permission and financial support from the Government in 2025/26. A statutory consultation on Cory’s plans took place between 18th October and 29th November 2023. Further details can be found on Cory’s dedicated webpage [here](#).

RECRUITMENT OF GENERAL MANAGER & INTERIM DEPUTY GENERAL MANAGER

39. Following the retirement of the General Manager on 31st December 2023, the review of the General Manager’s role and responsibilities has commenced prior to a formal recruitment process to appoint a replacement. The review is due to complete by the end of March 2024. In the meantime, the Deputy General Manager, Rachel Espinosa, is acting into the General Manager role.

40. An experienced interim, Trevor Pugh, has been engaged through a recruitment agent to fulfil the Deputy General Manager role on a six-month basis, with flexibility to extend the arrangements as necessary.

CONSTITUENT COUNCIL NEW RECYCLING INITIATIVES

41. 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.

42. Wandsworth Council wrote to the Authority on 8th January 2024 advising that it intends to expand its Megaskips service delivered by waste management company, Cappagh. Further information is provided in Paper No. WRWA 24-06 elsewhere on this agenda.
43. The remaining three constituent councils have not notified the Authority of any new initiatives since the previous Authority meeting.

MEMBER VISITS UPDATE

44. Officers have made, or are in the process of making, arrangements for two visits for Members in early 2024, one to the Smugglers Way MRF and the other to the Belvedere Energy from Waste Facility.
45. It unfortunately proved necessary to postpone the Smugglers Way MRF visit previously scheduled for 11th January 2024, but new dates will be forwarded to Members for their consideration.
46. A tour of the Belvedere EfW will allow Members the opportunity to see progress on construction of the Riverside Energy Park and to discuss with Cory the potential impact of the Emissions Trading Scheme and their plans for Carbon Capture. Dates for the visit will be forwarded to Members for their consideration.

WESTERN RIVERSIDE ENVIRONMENTAL FUND

47. As reported to Members at the October 2023 Authority meeting (Paper No. WRWA 23-26) the Western Riverside Environmental Fund (“**WREF**”) was established in 1999 and has distributed over £4 million of landfill tax credits to local environmental projects. However, funding stopped in 2017 when Cory sold its landfill business, and the subsequent closure of Viridor’s Beddington Lane landfill site meant the Authority’s boroughs no longer qualified geographically for such funding.
48. WREF is therefore in the process of winding itself up, a process that was significantly delayed by Covid. At the time of writing, there is only one project still active, with completion of their activities and the forwarding of their Claims

After 9 months of 2023/2024

General Waste Delivered (Tonnes)

	2019/2020	2020/2021	2021/2022	2022/2023	TO DATE	FORECAST	Annual		2023/2024		Budget	
					2023/2024	2023/2024	Change Tonnes	Change Percent	Budget Tonnes	Change Tonnes	Change Percent	
HF	56,021	55,590	55,435	52,852	39,833	52,277	-	575	-1.09%	52,257	19	0.04%
KC	58,209	46,755	53,842	55,272	41,397	54,113	-	1,159	-2.10%	55,509	- 1,397	-2.52%
LA	86,536	88,694	87,517	87,083	65,302	86,737	-	346	-0.40%	85,540	1,197	1.40%
WA	75,666	80,509	78,795	75,004	57,192	75,618	-	614	0.82%	73,872	1,746	2.36%
WRWA	8,865	9,504	7,939	6,958	5,640	7,202	-	244	3.51%	6,935	267	3.85%
Total	285,298	281,052	283,526	277,170	209,364	275,947	-	1,223	-0.44%	274,114	1,832	0.67%
Change	-	4,247	2,475	6,357	-	1,223	-	-	-	-	-	-
Percentage Change	-	-1.49%	0.88%	-2.24%	-	-0.44%	-	-	-	-	-	-

Co-Mingled Waste Delivered (Tonnes)

	2019/2020	2020/2021	2021/2022	2022/2023	TO DATE	FORECAST	Annual		2023/2024		Budget	
					2023/2024	2023/2024	Change Tonnes	Change Percent	Budget Tonnes	Change Tonnes	Change Percent	
HF	11,703	12,573	12,030	11,149	8,805	11,639	-	490	4.40%	10,984	655	5.96%
KC	15,961	12,528	14,076	13,962	10,351	13,625	-	338	-2.42%	13,959	- 335	-2.40%
LA	19,543	22,317	20,728	17,223	13,018	17,115	-	108	-0.63%	17,100	15	0.09%
WA	20,355	23,577	21,842	19,343	14,742	19,537	-	194	1.01%	19,080	458	2.40%
WRWA	538	373	407	344	221	273	-	70	-20.45%	332	- 59	-17.73%
Total	68,099	71,368	69,082	62,022	47,137	62,190	-	168	0.27%	61,456	734	1.19%
Change	-	3,269	2,286	7,061	-	168	-	-	-	-	-	-
Percentage Change	-	4.80%	-3.20%	-10.22%	-	0.27%	-	-	-	-	-	-

Co-Mingled Contamination (Percentage)

	2019/2020	2020/2021	2021/2022	2022/2023	TO DATE	FORECAST	Change in Percentage
					2023/2024	2023/2024	Point
HF	13.62%	13.93%	16.93%	16.88%	16.91%	16.91%	0.03%
KC	10.64%	11.03%	11.48%	12.29%	10.36%	10.36%	-1.93%
LA	14.31%	14.49%	16.59%	15.23%	14.41%	14.41%	-0.82%
WA	12.78%	13.49%	14.12%	12.67%	13.34%	13.34%	0.67%
WRWA	12.84%	13.90%	14.84%	14.09%	13.74%	13.74%	-0.35%

Co-Mingled Contamination (Tonnes)

	2019/2020	2020/2021	2021/2022	2022/2023	TO DATE	FORECAST	Annual		2017/2018	2023/2024	Budget		
					2023/2024	2023/2024	Change Tonnes	Change Percent	Budget Percentage	Budget Tonnes	Change Tonnes	Change Percent	
HF	1,594	1,752	2,036	1,881	1,489	1,968	-	86	4.59%	16.7%	1,833	135	7.38%
KC	1,699	1,382	1,616	1,716	1,072	1,411	-	305	-17.76%	12.5%	1,748	- 337	-19.26%
LA	2,796	3,233	3,439	2,623	1,876	2,466	-	157	-5.99%	15.6%	2,666	- 200	-7.49%
WA	2,602	3,181	3,084	2,450	1,966	2,606	-	156	6.35%	13.4%	2,554	52	2.05%
WRWA	69	52	60	48	30	38	-	11	-22.43%	14.3%	48	- 10	-21.08%
Total	8,760	9,600	10,235	8,720	6,433	8,489	-	231	-2.65%	14.4%	8,848	- 359	-4.06%
Change	-	840	635	1,516	-	231	-	-	-	-	-	-	-
Percentage Change	-	9.59%	6.62%	-14.81%	-	-2.65%	-	-	-	-	-	-	-

Green Waste Delivered (Tonnes)

	2019/2020	2020/2021	2021/2022	2022/2023	TO DATE	FORECAST	Annual		2023/2024		Budget	
					2023/2024	2023/2024	Change Tonnes	Change Percent	Budget Tonnes	Change Tonnes	Change Percent	
HF	83	98	78	98	-	-	-	98	-100.00%	154	- 154	-100.00%
KC	475	495	514	469	332	493	-	23	4.99%	459	33	7.27%
LA	733	608	574	853	645	876	-	23	2.67%	949	- 74	-7.76%
WA	449	365	325	287	101	354	-	68	23.55%	243	112	46.04%
WRWA	3,171	3,099	2,647	2,058	1,978	2,382	-	324	15.76%	2,012	370	18.41%
Total	4,911	4,665	4,139	3,764	3,057	4,105	-	341	9.05%	3,817	288	7.53%
Change	-	245	527	374	-	341	-	-	-	-	-	-
Percentage Change	-	-5.00%	-11.29%	-9.04%	-	9.05%	-	-	-	-	-	-

Clinical Waste Delivered (Tonnes)

	2019/2020	2020/2021	2021/2022	2022/2023	TO DATE 2023/2024	FORECAST 2023/2024	Annual		2023/2024				
							Change Tonnes	Change Percent	Budget Tonnes	Change Tonnes	Change Percent		
HF	18	16	14	12	8	10	-	1	-11.79%	11	-	1	-9.49%
KC	1	1	1	1	1	2	-	0	23.99%	1	-	0	26.43%
LA	3	4	6	6	4	5	-	1	-10.81%	6	-	1	-14.10%
WA	66	65	75	73	55	74	-	1	1.34%	73	-	1	1.38%
WRWA	-	-	-	-	-	-	-	-	0.00%	-	-	-	0.00%
Total	88	87	96	92	68	91	-	1	-0.74%	92	-	1	-0.60%
Change	-	2	9	4	-	1	-	-	-	-	-	-	-
Percentage Change		-1.85%	10.48%	-4.40%		-0.74%							

Detritus Waste Delivered (Tonnes)

	2019/2020	2020/2021	2021/2022	2022/2023	TO DATE 2023/2024	FORECAST 2023/2024	Annual		2023/2024				
							Change Tonnes	Change Percent	Budget Tonnes	Change Tonnes	Change Percent		
HF	449	463	434	469	395	500	-	31	6.54%	440	-	60	13.64%
KC	1,021	806	707	666	509	624	-	41	-6.17%	669	-	45	-6.66%
LA	518	542	562	458	377	482	-	24	5.21%	471	-	11	2.29%
WA	2,841	2,861	2,613	2,481	1,996	2,451	-	31	-1.23%	2,577	-	126	-4.91%
WRWA	-	-	-	-	-	-	-	-	0.00%	-	-	-	0.00%
Total	4,829	4,672	4,316	4,074	3,277	4,057	-	17	-0.42%	4,157	-	100	-2.41%
Change	-	157	356	243	-	17	-	-	-	-	-	-	-
Percentage Change		-3.24%	-7.61%	-5.62%		-0.42%							

Battery Waste Delivered (Tonnes)

	2019/2020	2020/2021	2021/2022	2022/2023	TO DATE 2023/2024	FORECAST 2023/2024	Annual		2023/2024				
							Change Tonnes	Change Percent	Budget Tonnes	Change Tonnes	Change Percent		
HF	1	0	0	1	0	0	-	0	-67.86%	1	-	0	-67.73%
KC	-	-	-	-	-	-	-	-	0.00%	-	-	-	0.00%
LA	-	-	-	-	-	-	-	-	0.00%	-	-	-	0.00%
WA	-	-	-	-	-	-	-	-	0.00%	-	-	-	0.00%
WRWA	24	32	26	22	22	25	-	3	13.88%	28	-	2	-8.59%
Total	25	32	26	23	22	26	-	3	11.88%	28	-	3	-9.75%
Change	-	7	6	4	-	3	-	-	-	-	-	-	-
Percentage Change		28.69%	-17.56%	-13.52%		11.88%							

Electrical Waste Delivered (Tonnes)

	2019/2020	2020/2021	2021/2022	2022/2023	TO DATE 2023/2024	FORECAST 2023/2024	Annual		2023/2024				
							Change Tonnes	Change Percent	Budget Tonnes	Change Tonnes	Change Percent		
HF	20	10	13	10	10	15	-	4	39.21%	9	-	5	55.78%
KC	26	32	15	8	1	2	-	6	-78.98%	7	-	6	-76.99%
LA	113	106	70	91	55	73	-	18	-19.66%	52	-	21	41.41%
WA	2	4	1	1	1	1	-	0	-3.27%	1	-	0	1.21%
WRWA	726	792	673	575	420	554	-	21	-3.62%	563	-	8	-1.45%
Total	888	944	772	686	487	645	-	41	-5.99%	632	-	13	2.03%
Change	-	56	172	86	-	41	-	-	-	-	-	-	-
Percentage Change		6.36%	-18.25%	-11.19%		-5.99%							

Fridge Waste Delivered (Tonnes)

	2019/2020	2020/2021	2021/2022	2022/2023	TO DATE 2023/2024	FORECAST 2023/2024	Annual		2023/2024				
							Change Tonnes	Change Percent	Budget Tonnes	Change Tonnes	Change Percent		
HF	89	81	88	78	61	80	-	2	1.96%	75	-	5	6.67%
KC	51	39	45	42	23	30	-	13	-29.76%	39	-	9	-23.44%
LA	174	172	151	132	62	86	-	46	-34.60%	104	-	17	-16.78%
WA	153	75	59	71	66	100	-	28	39.66%	60	-	40	67.52%
WRWA	79	74	56	51	35	46	-	5	-10.56%	51	-	5	-10.17%
Total	546	440	400	375	246	342	-	34	-9.01%	328	-	14	4.13%
Change	-	105	40	25	-	34	-	-	-	-	-	-	-
Percentage Change		-19.30%	-9.19%	-6.13%		-9.01%							

Gas Bottle Waste Delivered (Tonnes)

	2019/2020	2020/2021	2021/2022	2022/2023	TO DATE 2023/2024	FORECAST 2023/2024	Annual		2023/2024				
							Change Tonnes	Change Percent	Budget Tonnes	Change Tonnes	Change Percent		
HF	1	1	1	1	2	3	-	2	186.31%	1	-	3	414.75%
KC	1	1	2	5	4	13	-	7	135.14%	5	-	8	178.80%
LA	4	1	2	2	1	1	-	1	-58.34%	2	-	1	-59.76%
WA	1	1	1	0	1	1	-	0	153.74%	0	-	1	181.10%
WRWA	-	16	24	27	9	9	-	18	-65.29%	30	-	21	-68.89%
Total	6	20	30	36	17	27	-	9	-24.90%	38	-	11	-28.52%
Change	-	14	10	6	-	9	-	-	-	-	-	-	-
Percentage Change		218.55%	48.08%	20.17%		-24.90%							

<u>Carpet Waste Delivered (Tonnes)</u>					Annual				2023/2024 Budget		
	2019/2020	2020/2021	2021/2022	2022/2023	TO DATE 2023/2024	FORECAST 2023/2024	Change Tonnes	Change Percent	Budget Tonnes	Change Tonnes	Change Percent
HF	-	-	-	-	-	-	-	0.00%	-	-	0.00%
KC	-	-	-	-	-	-	-	0.00%	-	-	0.00%
LA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
WA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
WRWA	375	365	281	-	-	-	-	0.00%	-	-	0.00%
Total	375	365	281	-	-	-	-	0.00%	-	-	0.00%
Change	-	10	84	281	-	-	-	-	-	-	0.00%
Percentage Change		-2.66%	-23.01%	-100.00%							

<u>Inert Waste Delivered (Tonnes)</u>					Annual				2023/2024 Budget		
	2019/2020	2020/2021	2021/2022	2022/2023	TO DATE 2023/2024	FORECAST 2023/2024	Change Tonnes	Change Percent	Budget Tonnes	Change Tonnes	Change Percent
HF	5	-	-	-	-	-	-	0.00%	-	-	0.00%
KC	-	2	-	-	-	-	-	0.00%	-	-	0.00%
LA	2	-	5	5	55	60	55	1041.72%	-	60	0.00%
WA	15	4	-	-	1	1	1	0.00%	-	1	0.00%
WRWA	1,677	1,891	1,508	1,068	821	1,043	25	-2.35%	995	48	4.81%
Total	1,700	1,897	1,513	1,073	876	1,103	30	2.80%	995	108	10.88%
Change	-	197	384	439	-	30	-	-	-	-	-
Percentage Change		11.58%	-20.25%	-29.05%		2.80%					

<u>Oil/Paint/Rigid Plastics Waste Delivered (Tonnes)</u>					Annual				2023/2024 Budget		
	2019/2020	2020/2021	2021/2022	2022/2023	TO DATE 2023/2024	FORECAST 2023/2024	Change Tonnes	Change Percent	Budget Tonnes	Change Tonnes	Change Percent
HF	-	-	0	0	8	8	7	1910.53%	0	7	1918.54%
KC	-	0	-	-	-	-	-	0.00%	-	-	0.00%
LA	-	-	6	27	25	35	8	29.77%	192	157	-81.65%
WA	-	-	-	-	0	0	0	0.00%	-	0	0.00%
WRWA	17	16	39	151	158	205	54	35.56%	410	205	-50.00%
Total	17	16	45	179	191	248	69	38.70%	602	354	-58.84%
Change	-	1	28	134	-	69	-	-	-	-	-
Percentage Change		-5.31%	171.38%	301.08%		38.70%					

<u>Paper/Cardboard Waste Delivered (Tonnes)</u>					Annual				2023/2024 Budget		
	2019/2020	2020/2021	2021/2022	2022/2023	TO DATE 2023/2024	FORECAST 2023/2024	Change Tonnes	Change Percent	Budget Tonnes	Change Tonnes	Change Percent
HF	-	-	-	-	-	-	-	0.00%	-	-	0.00%
KC	-	-	-	-	-	-	-	0.00%	-	-	0.00%
LA	423	423	323	239	164	189	51	-21.22%	264	75	-28.59%
WA	-	2	-	-	-	-	-	0.00%	-	-	0.00%
WRWA	962	1,171	1,023	876	698	906	30	3.38%	847	58	6.90%
Total	1,385	1,595	1,346	1,115	863	1,094	21	-1.89%	1,111	17	-1.53%
Change	-	211	249	231	-	21	-	-	-	-	-
Percentage Change		15.21%	-15.61%	-17.15%		-1.89%					

<u>Scrap Metal Waste Delivered (Tonnes)</u>					Annual				2023/2024 Budget		
	2019/2020	2020/2021	2021/2022	2022/2023	TO DATE 2023/2024	FORECAST 2023/2024	Change Tonnes	Change Percent	Budget Tonnes	Change Tonnes	Change Percent
HF	19	10	16	21	29	42	21	103.53%	19	23	116.73%
KC	0	-	4	0	1	1	1	300.00%	0	1	301.59%
LA	114	62	61	62	43	57	5	-7.39%	51	6	11.88%
WA	4	7	-	-	-	-	-	0.00%	-	-	0.00%
WRWA	666	699	684	589	486	649	61	10.28%	549	101	18.35%
Total	803	779	764	672	559	750	78	11.63%	620	130	21.01%
Change	-	25	15	92	-	78	-	-	-	-	-
Percentage Change		-3.06%	-1.86%	-12.09%		11.63%					

<u>Textile Waste Delivered (Tonnes)</u>					Annual				2023/2024 Budget		
	2019/2020	2020/2021	2021/2022	2022/2023	TO DATE 2023/2024	FORECAST 2023/2024	Change Tonnes	Change Percent	Budget Tonnes	Change Tonnes	Change Percent
HF	-	-	-	-	-	-	-	0.00%	-	-	0.00%
KC	-	-	-	-	-	-	-	0.00%	-	-	0.00%
LA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
WA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
WRWA	254	287	260	250	191	251	2	0.60%	243	8	3.27%
Total	254	287	260	250	191	251	2	0.60%	243	8	3.27%
Change	-	33	27	11	-	2	-	-	-	-	-
Percentage Change		13.12%	-9.31%	-4.13%		0.60%					

Tyre Waste Delivered (Tonnes)

	2019/2020	2020/2021	2021/2022	2022/2023	TO DATE 2023/2024	FORECAST 2023/2024	Annual		2023/2024 Budget Tonnes	Budget	
							Change Tonnes	Change Percent		Change Tonnes	Change Percent
HF	1	0	2	0	0	1	0	174.50%	0	1	635.76%
KC	-	0	-	-	-	-	-	0.00%	-	-	0.00%
LA	8	5	7	7	1	1	6	-80.12%	5	4	-74.06%
WA	1	1	1	1	3	6	4	322.70%	1	4	316.74%
WRWA	-	-	12	11	4	5	6	-52.29%	11	6	-51.25%
Total	9	7	22	20	8	13	7	-33.19%	18	5	-25.62%
Change	-	2	15	2	-	7	-	-	-	-	-
Percentage Change		-18.55%	206.94%	-9.86%		-33.19%					

Wood Waste Delivered (Tonnes)

	2019/2020	2020/2021	2021/2022	2022/2023	TO DATE 2023/2024	FORECAST 2023/2024	Annual		2023/2024 Budget Tonnes	Budget	
							Change Tonnes	Change Percent		Change Tonnes	Change Percent
HF	-	-	-	-	-	-	-	0.00%	-	-	0.00%
KC	1	-	-	-	-	-	-	0.00%	-	-	0.00%
LA	140	-	58	259	256	348	88	34.02%	246	246	-100.00%
WA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
WRWA	3,773	3,808	3,298	3,025	2,463	3,194	169	5.59%	2,999	195	6.50%
Total	3,913	3,808	3,356	3,284	2,719	3,541	257	7.84%	3,244	297	9.16%
Change	-	104	452	72	-	257	-	-	-	-	-
Percentage Change		-2.67%	-11.88%	-2.15%		7.84%					

Total Waste Delivered (Tonnes)

	2019/2020	2020/2021	2021/2022	2022/2023	TO DATE 2023/2024	FORECAST 2023/2024	Annual		2023/2024 Budget Tonnes	Budget	
							Change Tonnes	Change Percent		Change Tonnes	Change Percent
HF	68,410	68,843	68,112	64,691	49,149	64,574	117	-0.18%	63,952	622	0.97%
KC	75,746	60,660	69,206	70,426	52,620	68,902	1,525	-2.17%	70,649	1,748	-2.47%
LA	108,311	112,934	110,069	106,448	80,006	106,065	383	-0.36%	104,982	1,083	1.03%
WA	99,551	107,470	103,711	97,262	74,156	98,142	880	0.90%	95,907	2,235	2.33%
WRWA	21,128	22,129	18,877	16,005	13,148	16,746	741	4.63%	16,005	741	4.63%
Total	373,146	372,036	369,975	354,833	269,079	354,429	404	-0.11%	351,495	2,934	0.83%
Change	-	1,110	2,061	15,142	-	404	-	-	-	-	-
Percentage Change		-0.30%	-0.55%	-4.09%		-0.11%					