

Paper No. WRWA **25-06**

WESTERN RIVERSIDE WASTE AUTHORITY

MEETING	11 th February 2025
REPORT AUTHOR/DATE	Interim General Manager <i>(Contact Rachel Espinosa - Tel. 020 8871 2788)</i> 28 th January 2025
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) Receipt of DIY Waste at the HWRC
 - c) Performance Monitoring
 - d) Simpler Recycling and Extended Producer Responsibility
 - e) Emissions Trading Scheme
 - f) WEEE consultation
 - g) MRF Sampling
 - h) Contamination in Co-mingled Recycling
 - i) Abandoned Vehicles Agreement
 - j) Communications Plan 2025/26
 - k) Hazardous Waste Collection Service Agreement
 - l) Recruitment Update
 - m) Constituent Council New Recycling Initiatives
 - n) Items costing between £5,000 and £30,000
 - o) Comments of the Treasurer

RECOMMENDATIONS

2. It is recommended that:
 - a) If Members decide to limit deliveries of DIY waste to residents using the HWRC (based on information provided in paragraphs 9 and 10 below), that they instruct officers to prepare a Communications Plan, ahead of the introduction of a limit of four deliveries of DIY waste into the HWRC, per resident, in any given four-week period, from 1st July 2025;
 - b) Members approve a communications budget of £45,000 funded from the base budget and specific reserves as set out in paragraph 35;
 - c) Members authorise the signing of the Hazardous Waste Collection Services Agreement with the City of London Corporation (to ensure a continuation of current arrangements for a further five years) by the Interim General Manager; and
 - d) otherwise receive this report as information.

OPERATIONS

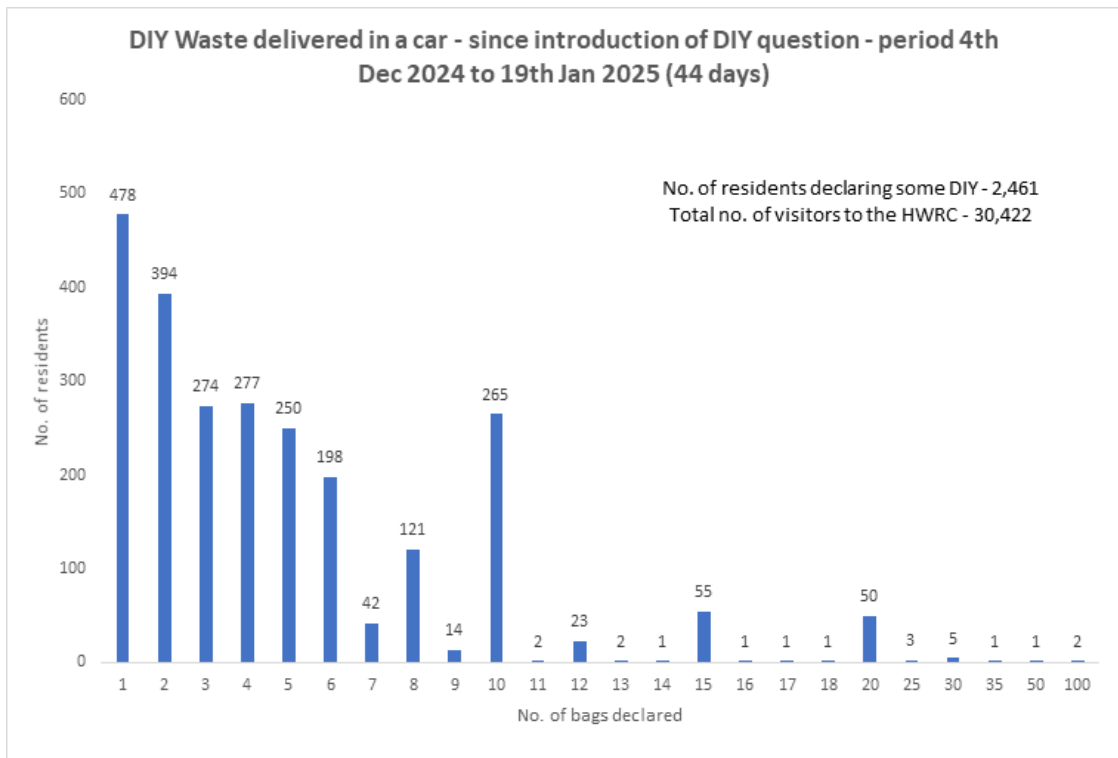
3. In the last two months of 2024, both Cringle Dock and Smugglers Way experienced interruptions to normal operations, with one event at Cringle Dock and three at Smugglers Way.
4. On 22nd November 2024, the Nine Elms area was put in lockdown by police following a controlled explosion of a suspect package, making deliveries to Cringle Dock impossible. At 10.26am Boroughs were notified that all vehicles should be delivering to Smugglers Way until further notice. At 2.26pm, the roads around Cringle Dock were reopened and Boroughs notified.
5. On 6th December 2024, the MRF residual line conveyor belt failed and the MRF could only run at 50% capacity. At 8.16am Lambeth Recycling vehicles were diverted to Cringle Dock, along with four Kensington and Chelsea recycling split back vehicles.
6. The residual line conveyor belt failed again on the evening of 30th December, and although the problem was resolved quickly, it did result in a reduction in MRF processing ability that evening. This led to a build-up of recyclable material in the MRF bunker, resulting in all Lambeth recycling vehicles and four Kensington and Chelsea split backs vehicles being diverted to Cringle at 8.14am, for the remainder of the day. Normal operations resumed on the next working day, Thursday, 2nd January 2025.
7. Given the number of moving parts and heavy workload required of the MRF machinery, breakdowns are to be expected, however conveyor belt breakdowns are happening more frequently than the Authority would wish to see. Officers have discussed this with Cory who have cited that damage to conveyor belts in particular, is in large part caused by the level of contaminants present in recycling loads that are passing through the MRF equipment. More detail on this is provided in paragraphs 27 to 31 of this report.
8. In January 2025, there was disruption due to unplanned Thames Water works at the north end of Wandsworth Bridge/Carnwarth Road junction on 14th and 15th January 2025. The temporary traffic lights in place, brought the surrounding road network to a slowdown, resulting in Borough refuse collection vehicles experiencing some difficulties in accessing and exiting the Smugglers Way Transfer Station. The same problems were experienced by members of the public using the Household Waste and Recycling Centre. At 10.06am, Authority officers confirmed to Boroughs that they could deliver to Cringle Dock to reduce disruption and delays to collection services if they wished.

RECEIPT OF INDUSTRIAL WASTE (DIY TYPE WASTE) AT THE HWRC

9. At the 2nd October 2024 meeting (Paper No. WRWA 24-23) Members requested that officers organise an amendment to the current HWRC Booking Form to require residents to self-declare whether they are bringing in Household or DIY type waste, or both. These questions were added to the Booking Form on 4th December 2024.

10. Based on 44 days data, of the 30,422 visits to the HWRC during that period:

- 2,461 residents declared they were bringing some DIY waste (8% of visitors)
- The 2,461 bookings were spread across 1,849 households.
- 31 households visited the site more than 4 times during that period with at least some DIY waste.
- Of those who declared they had some DIY, 19% said they had one bag on that visit, 16% said they had two bags, 11% said they had three or four bags and 10% said they had 5 bags respectively. That accounts for nearly 67% of the people.
- There are a few anomalies i.e. two residents stated they brought in 100 bags, which is likely to be a typing error or an unwillingness to provide accurate information.
- 50 residents declared they had 20 bags, and 55 residents stated 15 bags.



11. Based on this information, should Members wish to restrict DIY deliveries to the HWRC, in line with the DIY allowances set by Government in the Controlled Waste (England and Wales) (Amendment) (England) Regulations 2023, officers would like to remind Members that the minimum allowance set by Government are:

- 100 litres of bagged DIY waste, or
- one large item no bigger than 2m x 0.75m x 0.7m

for free, every week.

12. If Members decide to limit deliveries of DIY waste to residents using the HWRC, officers would recommend a limit of four deliveries of DIY waste in their car in any given four week period. This will suit the small DIY waste projects that most residents undertake. Officers would suggest any change in policy on receipt of DIY waste should commence on 1st July 2025, following preparation of a Communications Plan.

PERFORMANCE MONITORING

Introduction

13. Detailed tonnage and performance information is attached as an Appendix to this report. The modelling to forecast the outturn figures for 2024/25 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 2024, 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

14. If the trend in the overall level of waste arisings from the first nine months of 2024/25 continues throughout the remainder of the financial year, there would be a 0.42% decrease compared to the outturn tonnage for 2023/24. Decreases against the 2023/24 outturn figures are currently predicted for three boroughs

(Hammersmith and Fulham – 1.85%, Lambeth – 1.29% and Wandsworth – 0.73%) with Kensington and Chelsea showing an increase of 0.71%. Tonnages at the Household Waste and Recycling Centre (“HWRC”) are currently predicted to be 7.74% higher than last year. The increase in HWRC tonnage is due to an increase in General Waste delivered.

SIMPLER RECYCLING AND PACKAGING EXTENDED PRODUCER RESPONSIBILITY

15. Authority officers have been in discussions with Cory and they have confirmed that they are now in a position to receive plastic film into the MRF, via co-mingled collections. Plastic film is challenging to manage in MRFs as the material is flexible and is easily caught by and wrapped around machinery, causing stoppages and breakdowns. Cory’s proposal is to manage this risk by increasing the number of workers employed to remove the film at the beginning of the sorting process, to ensure the film does not travel further into the MRF.
16. As reported at the last Committee meeting, Cory and Authority officers felt a soft plastics trial in early 2025 would be the sensible next step and at a Technical Officers meeting on 13th November 2024, all four Technical Officers expressed an interest in being involved in the trial. It was agreed, that this would be progressed in Spring 2025.
17. Local authorities are now required to provide data to the packaging Extended Producer Responsibility (pEPR) Scheme Administrator for use to calculate payments for managing the 8 packaging material categories covered by the scheme: aluminum, fibre-based composites, glass, paper or board, plastic, steel, wood and ‘other’.
18. In November, Chief Executives and Directors of waste collection and waste disposal authorities received letters setting out their indicative one year pEPR payment estimates for 2025/26. Payments will be made towards the end of 2025. The Authority’s indicative payment for 2025/26 amounts to £6.5 million.

EMISSIONS TRADING SCHEME

19. The Emissions Trading Scheme is the most significant cost issue due to affect the local authority waste sector, proposed to be introduced to Energy from Waste facilities from 2028. The Scheme puts a market price on carbon emissions, thereby creating a financial incentive to reduce those emissions, by purchasing permits. It is estimated that the cost of permits will add around £46.00 per tonne to the current costs of residual waste disposed. In the waste sector, the use of Energy from Waste plants represents the best environmental solution for residual waste i.e. materials that can’t be recycled.

20. Local authorities have limited control over the waste that residents and businesses put out for collection and taking part in recycling collections is not compulsory or enforceable. Therefore, the Local Government Association (LGA) and other council networks have called on the Government to ensure that costs are passed on to the industries creating fossil-based material in the first place i.e. packaging materials, textiles, electricals and furniture.
21. It is estimated that the level of fossil-based materials in residual waste is in the range of 23% to 50% and a figure of 40% has been used in modelling analysis across the industry. Officers will commission a waste composition analysis during 2025 to provide analysis that is representative of household waste across WRWA Boroughs and inform discussions at Government level and with Cory.
22. The LGA has released a survey to the constituent councils regarding the extension of the Emissions Trading Scheme to EfW plants with a submission deadline of 21st February 2025. The Authority has not received the survey but will seek to collaborate with the councils on a response.

WEEE CONSULTATION

23. The Government consulted in 2023 on a range of measures to strengthen the management of WEEE to ensure higher treatment standards to recover more critical minerals and to ensure that producers pay the costs of recovery. On 10th December the Government issued a notice that it is continuing to consider the consultation responses and will set out its response in 2025.
24. In the meantime, two measures are being brought forward in relation to vapes and the on-line sale of products that may become WEEE.
- Current regulations will be amended to require the producers of vapes, vape related products that are sold separately (for example, replacement coils) and other e-cigarette style products to report the weight of products placed on the UK market in a new category of equipment. Regulations will be introduced in 2025 with changes to the reporting requirements so that a separate collection target for the new category can be set by the Secretary of State for Defra from 2026.
 - Current regulations will be amended to place new obligations on overseas sellers using online UK market places so that they contribute to the cost of collection, treatment, re-use, and recycling of their products when they become WEEE, in line with those obligations that currently apply to companies defined as producers within the existing regulations. The

regulations will be amended in 2025 to include a requirement on online marketplaces to join an approved WEEE compliance scheme.

MATERIALS RECOVERY FACILITIES SAMPLING

25. From 1st October 2024, the Environmental Permitting (England and Wales) (Amendment) Regulations 2023 came into force. The regulations require Materials Recovery Facilities (MRFs) to improve waste sampling, providing more detailed and more frequent sampling and compositional analysis. This is to provide evidence and the necessary data to inform pEPR payments and ensure that monitoring of packaging targets is robust. Facilities in the scope of the regulations are required to submit their first reports in January 2025.
26. Cory procured a consultancy, Monksleigh, to assist in their preparations for the new sampling system. The main difference in the sampling system involves changes to the sample size (now reduced to a minimum of 60kg on average) and a further categorisation of sampled materials into packaging and non-packaging groupings. Since October 2024, there has been an increase in contamination rates across all four Boroughs and officers are currently investigating the possible link between the increased contamination rates and the required change in sampling regime. Officers have held two meetings with Technical Officers and have committed to organising an in-person, three-way meeting between Cory, WRWA and CC officers to understand this in more detail.

CONTAMINATION IN CO-MINGLED RECYCLING

27. Members will already be aware of contaminants we have in our Recycling Stream, but they should also be aware that we are experiencing an increasing quantity of more problematic contaminants in the MRF, posing a Health and Safety risk to on-site staff, as well as reducing the quality of the recycled materials and causing damage to the MRF machinery, which in turn effects operations. Three such examples are vapes, batteries and WEEE and gas canisters.

Vapes

28. During a regular Environment Agency (EA) inspection in August 2024, there were found to be a significant amount of vapes in with the glass product. This does increase the likelihood that the entire glass load be reclassified as hazardous waste. In order to avoid this, MRF staff do spend time removing vapes from the glass product.

Gas Bottles

29. As Members are already aware gas bottles and canisters pose a serious risk of fire whether in a refuse collection vehicle or in a MRF, particularly when punctured or damaged. Cory have confirmed that in 2024, 21,156 gas bottles were recovered in the MRF.

WEEE

30. Electronic devices contain hazardous substances such as heavy metals and toxic chemicals. These materials can cause significant wear and tear of the sorting machinery, leading to breakdowns and resulting in a need to divert Borough waste, on occasion.

31. These “problematic” wastes are not peculiar to the Western Riverside area, or the Smugglers Way MRF. Officers are hopeful that there will be an improvement in contamination rates throughout 2025, as Cory, WRWA and CC officers work collaboratively to improve the quality of the recyclable materials delivered. This is a priority work area from the Waste Strategy and will be progressed throughout 2025.

ABANDONED VEHICLES AGREEMENT

32. The Authority entered into an agreement with the Constituent Councils in 2018 regarding the disposal of Abandoned Vehicles, which formalised an informal arrangement whereby Councils could appoint a supplier for the receipt of their abandoned vehicles and retain any scrap metal value due. As reported at the July 2024 Committee meeting (Paper No. 24-14) this agreement is due to expire on 31st March 2025 unless extended by further agreement.

33. Following discussion with Borough Technical Officers, all Boroughs have now confirmed that they wish to continue with current arrangements. Authority officers have proposed an extension until 4th October 2032 (to tie in with the end of the current waste management services contract). The necessary paperwork is now being prepared.

COMMUNICATION PLAN 2025/26

34. The Authority’s objectives for communication during 2025/26 propose to support the implementation of the draft Joint Resources and Waste Strategy Action Plan **‘to amplify impact through collaboration and communication’**. Once appointed, the new Communications Officer will be responsible for providing an implementation plan and delivering the communications plan including

government plans to introduce new waste management legislation, compulsory food and garden waste collections, a deposit return scheme and extended producer responsibility for packaging waste.

35. A budget of £45,000 is proposed (this includes a base budget of £20,000 and a further contribution of £25,000 from specific reserves for recycling initiatives as necessary).

HOUSEHOLD HAZARDOUS WASTE COLLECTION SERVICE

36. The City of London Corporation (CoL) operates a London-wide Household Hazardous Waste Collection and Disposal Service (HHWCDS) for the majority of London Councils and the Authority manages this contract on behalf of the constituent councils. The contract is due to expire on 30th September 2025.
37. The City of London Corporation wrote to the Authority on 20th January 2025, formally seeking the Authority's agreement for them to operate the service for a further five years with effect from 1st October 2025. COL have given us a deadline of 14th Feb. 2025 to respond. Technical Officers from all four constituents have confirmed that they wish the current arrangements to be extended for a further five years. Members are requested to authorise the signing of the agreement by the Interim General Manager.

RECRUITMENT UPDATE

38. Following an internal and external recruitment process in December 2024, the Authority is pleased to have secured an Interim Clerk, for a six-month period, commencing January 2025. The successful applicant was Mr. Hugh Peart, who has specific joint waste disposal authority experience at a senior level, through his roles as both the Clerk to West London Waste Authority and the Head of Legal for North London Waste Authority.
39. Officers commenced the recruitment process for a Managing Director in January 2025 with a view to welcoming the successful applicant in Summer 2025.
40. January 2025 also saw the start of a recruitment drive for a Performance Information Officer and an Administrative Assistant. Adverts for both positions are currently live.
41. Officers propose to start a recruitment process for an Education Officer in February 2025, and the recently approved Communications Officer position in Spring 2025.

CONSTITUENT COUNCIL NEW RECYCLING INITIATIVES

42. 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.
43. The constituent councils have not formally notified the Authority of any new initiatives since the previous Authority meeting.

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

44. The reportable items of expenditure authorised by officers under delegated powers within the band range of £5,000 to £30,000 since the last Authority meeting.

		£
Shakespeare Martineau	Legal Advice – Cory Decarbonisation Project	25,830.00
SLR	Advice on Cory Decarbonisation Project	24,793.99
Landmark Chambers	Counsel Opinion	24,500.00
Bevan Brittan	Legal Advice on Multiple Projects	17,450.10
Deloitte	External Audit Services - 2022/23	29,345.00
KPMG	External Audit Services - 2023/24	13,841.50
Intelisos	Consultancy Advice on JMWMS	17,130.00
Corporation Of London	Hazardous Waste Collection Service	8,081.00

COMMENTS OF THE TREASURER

45. The WRWA allocation from the national EPR funding is estimated at £6.5m and is expected to be received in Quarters 3 and 4 of 2025/26. It is proposed to utilise this resource to subsidise the proposed tonnage charges for 2025/26 (thereby preserving our reserves) and the further details are set out in the separate report on the proposed Budget for 2025/26.
46. The potential financial implications from the ETS proposals have been initially modelled based on predicted waste tonnages, carbon emissions and possible charges per tonne of carbon. This will be a cost to our contractors and is likely to be passed on to WRWA (and subsequently, the Constituent Boroughs) through an increase in tonnage charges. The scheme is expected to be operational from January 2028 and further details on the financial implications will be provided in the future.
47. All other matters outlined in the report (including recruitment) will be met from within the existing approved budgets for 2024/25 and any future impact will be included in the proposed budget for 2025/26.

R ESPINOSA
INTERIM GENERAL MANAGER

Western Riverside Administration Office
Smugglers Way
Wandsworth
SW18 1JS

28th January 2025

Appendix

After 9 months of 2024/2025

General Waste Delivered (Tonnes)

	2020/2021	2021/2022	2022/2023	2023/2024	TO DATE 2024/2025	FORECAST 2024/2025	Annual		2024/2025		
							Change Tonnes	Change Percent	Budget Tonnes	Change Tonnes	Change Percent
HF	55,590	55,435	52,852	51,793	37,807	49,057	2,736	-5.28%	52,257	3,200	-6.12%
KC	46,755	53,842	55,272	54,370	42,031	55,084	714	1.31%	55,509	425	-0.76%
LA	88,694	87,517	87,083	87,112	65,223	86,821	291	-0.33%	85,540	1,281	1.50%
WA	80,509	78,795	75,004	75,669	55,063	72,693	2,976	-3.93%	73,872	1,179	-1.60%
WRWA	9,504	7,939	6,958	7,444	6,523	8,590	1,146	15.39%	6,935	1,655	23.87%
Total	281,052	283,526	277,170	276,389	206,648	272,246	4,143	-1.50%	274,113	1,867	-0.68%
Change		2,475	6,357	781	69,741	4,143					
Percentage Change		0.88%	-2.24%	-0.28%	-25.23%	-1.50%					

Co-Mingled Waste Delivered (Tonnes)

	2020/2021	2021/2022	2022/2023	2023/2024	TO DATE 2024/2025	FORECAST 2024/2025	Annual		2024/2025		
							Change Tonnes	Change Percent	Budget Tonnes	Change Tonnes	Change Percent
HF	12,573	12,030	11,149	11,959	9,824	13,310	1,352	11.30%	10,984	2,326	21.18%
KC	12,528	14,076	13,962	13,611	10,199	13,383	228	-1.68%	13,959	576	-4.12%
LA	22,317	20,728	17,223	16,527	12,335	15,620	906	-5.48%	17,100	1,480	-8.65%
WA	23,577	21,842	19,343	19,667	16,661	22,178	2,510	12.76%	19,080	3,098	16.24%
WRWA	373	407	344	283	252	322	39	13.80%	332	10	-2.93%
Total	71,368	69,082	62,022	62,047	49,271	64,814	2,767	4.46%	61,455	3,359	5.47%
Change		2,286	7,061	26	2,767						
Percentage Change		-3.20%	-10.22%	0.04%		4.46%					

Co-Mingled Contamination (Percentage)

	2020/2021	2021/2022	2022/2023	2023/2024	TO DATE 2024/2025	FORECAST 2024/2025	Change in Percentage Point
HF	13.93%	16.93%	16.88%	16.93%	18.95%	18.95%	2.02%
KC	11.03%	11.48%	12.29%	10.75%	12.20%	12.20%	1.45%
LA	14.49%	16.59%	15.23%	14.23%	17.76%	17.76%	3.54%
WA	13.49%	14.12%	12.67%	13.52%	16.92%	16.92%	3.40%
WRWA	13.90%	14.84%	14.09%	13.82%	17.07%	17.07%	3.25%

Co-Mingled Contamination (Tonnes)

	2020/2021	2021/2022	2022/2023	2023/2024	TO DATE 2024/2025	FORECAST 2024/2025	Annual		2017/2018		2024/2025	
							Change Tonnes	Change Percent	Budget Percentage	Budget Tonnes	Change Tonnes	Change Percent
HF	1,752	2,036	1,881	2,025	1,862	2,523	498	24.59%	16.7%	1,833	690	37.64%
KC	1,382	1,616	1,716	1,463	1,244	1,633	170	11.60%	12.5%	1,748	115	-6.58%
LA	3,233	3,439	2,623	2,351	2,191	2,775	424	18.02%	15.6%	2,666	109	4.08%
WA	3,181	3,084	2,450	2,660	2,819	3,753	1,093	41.09%	13.4%	2,554	1,199	46.93%
WRWA	52	60	48	39	43	55	16	40.60%	14.5%	48	7	14.61%
Total	9,600	10,235	8,720	8,538	8,160	10,738	2,200	25.77%	14.4%	8,849	1,889	21.35%
Change		635	1,516	181	2,200							
Percentage Change		6.62%	-14.81%	-2.08%		25.77%						

Green Waste Delivered (Tonnes)

	2020/2021	2021/2022	2022/2023	2023/2024	TO DATE 2024/2025	FORECAST 2024/2025	Annual		2024/2025		
							Change Tonnes	Change Percent	Budget Tonnes	Change Tonnes	Change Percent
HF	98	78	98	74	39	112	39	52.20%	154	42	-27.08%
KC	495	514	469	486	328	479	7	-1.34%	459	20	4.40%
LA	608	574	853	805	649	809	4	0.51%	949	140	-14.76%
WA	365	325	287	301	85	252	49	-16.38%	243	9	3.55%
HWRC	3,099	2,647	2,058	2,355	2,055	2,442	87	3.71%	2,012	430	21.39%
Total	4,665	4,139	3,764	4,020	3,157	4,094	74	1.85%	3,817	277	7.27%
Change		527	374	256	74						
Percentage Change		-11.29%	-9.04%	6.79%		1.85%					

Appendix

Clinical Waste Delivered (Tonnes)

	2020/2021	2021/2022	2022/2023	2023/2024	TO DATE 2024/2025	FORECAST 2024/2025	Annual		2024/2025 Budget		
							Change Tonnes	Change Percent	Budget Tonnes	Change Tonnes	Change Percent
HF	16	14	12	10	8	11	0	1.05%	11	0	-4.09%
KC	1	1	1	2	1	1	1	-34.47%	1	0	16.64%
LA	4	6	6	5	5	6	1	21.16%	6	0	7.43%
WA	65	75	73	74	-	-	74	-100.00%	73	73	-100.00%
HWRC	-	-	-	-	-	-	-	0.00%	-	-	0.00%
Total	87	96	92	91	13	18	73	-80.10%	91	73	-80.04%
Change		9	4	0		73					
Percentage Change		10.48%	-4.40%	-0.46%		-80.10%					

Detritus Waste Delivered (Tonnes)

	2020/2021	2021/2022	2022/2023	2023/2024	TO DATE 2024/2025	FORECAST 2024/2025	Annual		2024/2025 Budget		
							Change Tonnes	Change Percent	Budget Tonnes	Change Tonnes	Change Percent
HF	463	434	469	513	488	632	119	23.31%	440	192	43.66%
KC	806	707	666	641	508	638	3	-0.48%	669	31	-4.67%
LA	542	562	458	522	327	452	70	-13.45%	471	19	-4.07%
WA	2,861	2,613	2,481	2,456	1,896	2,329	126	-5.14%	2,577	248	-9.61%
HWRC	-	-	-	-	-	-	-	0.00%	-	-	0.00%
Total	4,672	4,316	4,074	4,131	3,219	4,051	80	-1.94%	4,157	106	-2.55%
Change		356	243	58		80					
Percentage Change		-7.61%	-5.62%	1.41%		-1.94%					

Battery Waste Delivered (Tonnes)

	2020/2021	2021/2022	2022/2023	2023/2024	TO DATE 2024/2025	FORECAST 2024/2025	Annual		2024/2025 Budget		
							Change Tonnes	Change Percent	Budget Tonnes	Change Tonnes	Change Percent
HF	0	0	1	0	1	1	1	311.11%	1	0	-26.00%
KC	-	-	-	-	-	-	-	0.00%	-	-	0.00%
LA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
WA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
HWRC	32	26	22	27	23	29	1	4.71%	28	1	2.46%
Total	32	26	23	28	23	29	2	6.71%	29	0	1.48%
Change		6	4	5		2					
Percentage Change		-17.56%	-13.52%	20.44%		6.71%					

Electrical Waste Delivered (Tonnes)

	2020/2021	2021/2022	2022/2023	2023/2024	TO DATE 2024/2025	FORECAST 2024/2025	Annual		2024/2025 Budget		
							Change Tonnes	Change Percent	Budget Tonnes	Change Tonnes	Change Percent
HF	10	13	10	14	10	14	1	4.78%	9	5	58.80%
KC	32	15	8	2	8	14	11	528.68%	7	7	93.99%
LA	106	70	91	71	64	66	5	-7.24%	52	14	26.47%
WA	4	1	1	1	1	1	1	109.73%	1	0	46.81%
HWRC	792	673	575	564	467	626	62	10.94%	563	63	11.15%
Total	944	772	686	651	551	721	69	10.66%	632	89	14.06%
Change		172	86	34		69					
Percentage Change		-18.25%	-11.19%	-4.99%		10.66%					

Fridge Waste Delivered (Tonnes)

	2020/2021	2021/2022	2022/2023	2023/2024	TO DATE 2024/2025	FORECAST 2024/2025	Annual		2024/2025 Budget		
							Change Tonnes	Change Percent	Budget Tonnes	Change Tonnes	Change Percent
HF	81	88	78	78	63	81	3	4.38%	75	6	8.47%
KC	39	45	42	33	29	42	8	24.53%	39	3	6.90%
LA	172	151	132	92	94	126	34	36.92%	104	22	20.93%
WA	75	59	71	89	65	88	1	-1.21%	60	28	47.20%
HWRC	74	56	51	46	44	58	12	25.89%	51	7	13.69%
Total	440	400	375	339	296	395	56	16.65%	329	66	20.09%
Change		40	25	37		56					
Percentage Change		-9.19%	-6.13%	-9.76%		16.65%					

Gas Bottle Waste Delivered (Tonnes)

	2020/2021	2021/2022	2022/2023	2023/2024	TO DATE 2024/2025	FORECAST 2024/2025	Annual		2024/2025 Budget		
							Change Tonnes	Change Percent	Budget Tonnes	Change Tonnes	Change Percent
HF	1	1	1	2	2	2	1	31.29%	1	1	146.83%
KC	1	2	5	5	3	3	2	-40.67%	5	2	-37.11%
LA	1	2	2	1	1	1	0	-35.09%	2	1	-69.49%
WA	1	1	0	1	1	2	1	69.20%	-	2	0.00%
HWRC	16	24	27	17	19	25	8	46.95%	30	5	-16.73%
Total	20	30	36	26	25	33	7	25.91%	38	5	-13.52%
Change		10	6	10		7					
Percentage Change		48.08%	20.17%	-27.60%		25.91%					

Appendix

Carpet Waste Delivered (Tonnes)

	2020/2021	2021/2022	2022/2023	2023/2024	TO DATE 2024/2025	FORECAST 2024/2025	Annual		2024/2025 Budget Tonnes	Change Tonnes	Change Percent
							Change Tonnes	Change Percent			
HF	-	-	-	-	-	-	-	0.00%	-	-	0.00%
KC	-	-	-	-	-	-	-	0.00%	-	-	0.00%
LA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
WA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
HWRC	365	281	-	-	-	-	-	0.00%	-	-	0.00%
Total	365	281	-	-	-	-	-	0.00%	-	-	0.00%
Change	-	84	-	281	-	-	-	-	-	-	0.00%
Percentage Change		-23.01%		-100.00%							

Inert Waste Delivered (Tonnes)

	2020/2021	2021/2022	2022/2023	2023/2024	TO DATE 2024/2025	FORECAST 2024/2025	Annual		2024/2025 Budget Tonnes	Change Tonnes	Change Percent
							Change Tonnes	Change Percent			
HF	-	-	-	-	-	-	-	0.00%	-	-	0.00%
KC	2	-	-	-	-	-	-	0.00%	-	-	0.00%
LA	-	5	5	55	20	20	34	-63.04%	-	20	0.00%
WA	4	-	-	1	1	1	-	0.00%	-	1	0.00%
HWRC	1,891	1,508	1,068	992	911	1,099	107	10.75%	995	104	10.46%
Total	1,897	1,513	1,073	1,048	932	1,120	72	6.90%	995	125	12.55%
Change	-	384	-	439	-	26	-	72	-	-	-
Percentage Change		-20.25%		-29.05%		-2.41%		6.90%			

Oil/Paint/Rigid Plastics Waste Delivered (Tonnes)

	2020/2021	2021/2022	2022/2023	2023/2024	TO DATE 2024/2025	FORECAST 2024/2025	Annual		2024/2025 Budget Tonnes	Change Tonnes	Change Percent
							Change Tonnes	Change Percent			
HF	-	0	0	23	55	70	47	203.92%	-	70	0.00%
KC	0	-	-	-	-	-	-	0.00%	-	-	0.00%
LA	-	6	27	29	32	38	9	30.67%	192	154	-80.47%
WA	-	-	-	0	0	0	-	0.00%	-	0	0.00%
HWRC	16	39	151	213	166	208	6	-2.65%	410	202	-49.36%
Total	16	45	179	265	253	315	50	18.88%	602	287	-47.66%
Change	-	28	134	86	-	50	-	-	-	-	-
Percentage Change		171.38%		301.08%		48.30%		18.88%			

Paper/Cardboard Waste Delivered (Tonnes)

	2020/2021	2021/2022	2022/2023	2023/2024	TO DATE 2024/2025	FORECAST 2024/2025	Annual		2024/2025 Budget Tonnes	Change Tonnes	Change Percent
							Change Tonnes	Change Percent			
HF	-	-	-	-	-	-	-	0.00%	-	-	0.00%
KC	-	-	-	1	-	1	0	-0.90%	-	1	0.00%
LA	423	323	239	220	63	84	135	-61.62%	264	180	-68.06%
WA	2	-	-	-	-	-	-	0.00%	-	-	0.00%
HWRC	1,171	1,023	876	910	738	959	50	5.46%	847	112	13.24%
Total	1,595	1,346	1,115	1,130	801	1,044	86	-7.58%	1,111	67	-6.00%
Change	-	249	-	231	-	15	-	86	-	-	-
Percentage Change		-15.61%		-17.15%		1.32%		-7.58%			

Scrap Metal Waste Delivered (Tonnes)

	2020/2021	2021/2022	2022/2023	2023/2024	TO DATE 2024/2025	FORECAST 2024/2025	Annual		2024/2025 Budget Tonnes	Change Tonnes	Change Percent
							Change Tonnes	Change Percent			
HF	10	16	21	36	15	19	17	-48.14%	19	0	-2.50%
KC	-	4	0	3	1	2	1	-21.88%	-	2	0.00%
LA	62	61	62	57	42	53	4	-6.23%	51	2	4.10%
WA	7	-	-	-	0	0	0	0.00%	-	0	0.00%
HWRC	699	684	589	638	524	686	49	7.62%	549	137	24.99%
Total	779	764	672	733	583	760	27	3.75%	619	141	22.85%
Change	-	15	-	92	61	27	-	-	-	-	-
Percentage Change		-1.86%		-12.09%		9.11%		3.75%			

Textile Waste Delivered (Tonnes)

	2020/2021	2021/2022	2022/2023	2023/2024	TO DATE 2024/2025	FORECAST 2024/2025	Annual		2024/2025 Budget Tonnes	Change Tonnes	Change Percent
							Change Tonnes	Change Percent			
HF	-	-	-	-	-	-	-	0.00%	-	-	0.00%
KC	-	-	-	-	-	-	-	0.00%	-	-	0.00%
LA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
WA	-	-	-	-	-	-	-	0.00%	-	-	0.00%
HWRC	287	260	250	251	211	277	26	10.55%	243	34	14.03%
Total	287	260	250	251	211	277	26	10.55%	243	34	14.03%
Change	-	27	-	11	1	26	-	-	-	-	-
Percentage Change		-9.31%		-4.13%		0.40%		10.55%			

Appendix

Tyre Waste Delivered (Tonnes)

	2020/2021	2021/2022	2022/2023	2023/2024	TO DATE 2024/2025	FORECAST 2024/2025	Annual		2024/2025 Budget			
							Change Tonnes	Change Percent	Budget Tonnes	Change Tonnes	Change Percent	
HF	0	2	0	0	0	0	-	0	-18.18%	-	0	0.00%
KC	0	-	-	-	-	-	-	-	0.00%	-	-	0.00%
LA	5	7	7	1	1	2	1	1	61.50%	5	3	-62.53%
WA	1	1	1	4	1	1	-	3	-72.52%	1	0	0.59%
HWRC	-	12	11	7	7	9	2	2	30.14%	11	2	-18.37%
Total	7	22	20	12	10	12	0	0	0.83%	17	5	-29.18%
Change		15	-	2	8	0						
Percentage Change		206.94%	-9.86%	-40.06%		0.83%						

Wood Waste Delivered (Tonnes)

	2020/2021	2021/2022	2022/2023	2023/2024	TO DATE 2024/2025	FORECAST 2024/2025	Annual		2024/2025 Budget			
							Change Tonnes	Change Percent	Budget Tonnes	Change Tonnes	Change Percent	
HF	-	-	-	-	-	-	-	-	0.00%	-	-	0.00%
KC	-	-	-	-	-	-	-	-	0.00%	-	-	0.00%
LA	-	58	259	327	279	356	30	30	9.05%	246	246	-100.00%
WA	-	-	-	-	-	-	-	-	0.00%	-	-	0.00%
HWRC	3,808	3,298	3,025	3,065	2,240	2,783	-	282	-9.21%	2,999	216	-7.21%
Total	3,808	3,356	3,284	3,392	2,520	3,139	-	253	-7.45%	3,245	106	-3.25%
Change	-	452	-	72	108	253	-					
Percentage Change		-11.88%	-2.15%	3.29%		-7.45%						

Total Waste Delivered (Tonnes)

	2020/2021	2021/2022	2022/2023	2023/2024	TO DATE 2024/2025	FORECAST 2024/2025	Annual		2024/2025 Budget			
							Change Tonnes	Change Percent	Budget Tonnes	Change Tonnes	Change Percent	
HF	68,843	68,112	64,691	64,501	48,312	63,310	-	1,191	-1.85%	63,951	641	-1.00%
KC	60,660	69,206	70,426	69,155	53,107	69,648	493	493	0.71%	70,648	1,000	-1.42%
LA	112,934	110,069	106,448	105,822	79,137	104,454	-	1,368	-1.29%	104,982	528	-0.50%
WA	107,470	103,711	97,262	98,262	73,775	97,545	-	717	-0.73%	95,907	1,638	1.71%
HWRC	22,129	18,877	16,005	16,812	14,181	18,114	1,301	1,301	7.74%	16,005	2,109	13.17%
Total	372,036	369,975	354,833	354,552	268,513	353,070	-	1,482	-0.42%	351,493	1,577	0.45%
Change	-	2,061	-	15,142	281	1,482	-					
Percentage Change		-0.55%	-4.09%	-0.08%		-0.42%						