Introduction of Dual Stream Recycling in						
2022 & Associated Financial Matters Cllr Ashley Yeates, Cabinet Member for Climate Change and Recycling Date: 7 September 2021						
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Date:	7 September 2021	district V council				
Agenda Item:	5					
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Key Decision?	YES					
Local Ward	Full Council					
Members						

1. Executive Summary

- 1.1 Dual Stream recycling is the most cost-effective approach to disposal of this waste stream, given a) the significant increase in gate fees for the disposal of current commingled waste and b) is the best option to achieve a required increase in the amount of material recycled over time.
- 1.2 The purpose of this report is to update Cabinet on the negotiations between Lichfield District Council / Tamworth Borough Council (the Waste Collection Authorities) and Staffordshire County Council (the Waste Disposal Authority) in relation to the introduction of dual stream recycling from April 2022.
- 1.3 Those negotiations have resulted in an acceptable process for all parties concerned and with additional financial support being secured from Staffordshire County Council, but not at the level initially sought. Cabinet is asked to decide if this new proposal is acceptable.
- 1.4 Subject to the decision on the level of support to be provided from Staffordshire County Council, Cabinet is then asked to approve implementation of changes to the current dry recycling service in the district through the introduction of dual stream recycling from April 2022 so that all fibre products are collected separately by both households and the Joint Waste Service.

2. Recommendations

- 2.1 That Cabinet determine if the level of financial support from Staffordshire County Council as set out in Section 4, to support the introduction of dual stream recycling, is acceptable.
- 2.2 If Cabinet determine at 2.1 the financial support available is acceptable, it approves the Joint Waste Service implement Dual Stream Recycling in Lichfield from April 2022.
- 2.3 That Cabinet delegate responsibility to the Head of Operational Services in consultation with the Cabinet Member for Climate Change and Recycling, and Tamworth Borough Council, for the implementation of dual stream recycling across both authorities in by April 2022.
- 2.4 That Cabinet recommend to Council to update the Medium Term Financial Strategy based on the additional financial implications of the selected option:
 - Dual Stream Recycling:
 - To increase the revenue budget by an annual net cost of £73,000 (Full Cost £252,000 offset by SCC of £126,000 and Tamworth BC of £53,000) in 2022/23 increasing to £82,000 (Full Cost £267,000 offset by SCC of £126,000 and Tamworth BC of £59,000) in 2025/26 as detailed in the financial implications section.

- To increase the revenue budget for a one off cost for transition of £68,000. The full cost offset by SCC of £34,000 (capped at £94,000) and Tamworth BC of £34,000 in 2022/23.
- To include a project in the Capital Programme for Bins/Bags acquisition in 2021/22 of £229,000. This project will be funded by a contribution of £95,000 from Tamworth BC and the Council's share of £134,000 from the waste property growth earmarked reserve.
- Comingled Recycling:
 - To increase the revenue budget by an annual net cost of **£51,000** from 2022/23 onwards as detailed in the financial implications section.

3. Background

- 3.1 The Environmental Protection Act 1990 (EPA) makes District Councils responsible for the collection of household waste as the Waste Collection Authority (WCA). Upper tier County Councils are responsible for its disposal as the Waste Disposal Authority (WDA). A District can make its own arrangements for the disposal of recycling; where it decides to do so it has to pay the gate fees to the re-processor but in return it receives a payment from the WDA which is known as a Recycling Credit. The District also receives any income generated from the sale of the DMR post-sorting, depending on the nature of the contract it has with the re-processor. The Recycling Credit was introduced by the Government in order to incentivise Districts to invest in recycling services. A District can at any time hand back disposal responsibility to a WDA, but it is worth noting that the WDA has powers to direct a District to deliver waste to a designated place. In effect this gives the WDA power of direction to take back disposal responsibility without agreement even if there are financial consequences for the District.
- 3.2 Ever since recycling services were introduced in Tamworth and Lichfield nearly 20 years ago both Districts have procured contracts for the disposal of dry recyclable materials (DMR) and garden waste. Throughout this period the gate fees have been lower than the aggregate of the Recycling Credit and any income received from the sale of the material, with the surplus generated being used to offset the cost of providing these services
- 3.3 The current recycling service requires residents to present all their DMR in a single blue bin which is emptied fortnightly. This collection methodology is known as commingling and the material once collected is taken to Biffa Waste Services' transfer facility in Aldridge before it is bulked up and transported to a Material Recycling Facility (MRF) in the North East for processing.
- 3.4 Six Staffordshire Waste Collection Authorities (WCAs) Lichfield and Tamworth along with Newcastle, East Staffs, South Staffs and Cannock have contracts for the processing of the DMR with Biffa Waste Services Ltd; all expire in March 2022. These authorities have worked together with support from the County Council's procurement and legal teams since last autumn to procure a replacement contract. Invitations to tender were sent out in early January and the evaluation of the results was completed in April.
- 3.5 The evaluation has shown that the market for the processing of DMR has shifted dramatically, primarily because of material quality issues, such that the current arrangements for delivering the service (collection methodology and disposal) may have to change. Contamination levels can regularly exceed 15% for materials when collected commingled which is unattractive to the re-processors. As a consequence gate fees for new contracts based on this methodology have nearly trebled compared to the existing rate plus the amount of income payable for the sale of materials has fallen. In contrast gate fees are much lower and income levels higher for materials collected by dual-streaming where the fibre is collected separately from the other materials. This is due to the higher quality of material collected by these methodologies compared to commingling

- 3.6 Dual-streaming requires residents to separate their recycling into an additional receptacle. The operational costs are substantially higher; collecting a bin and a bag takes longer and multi compartment vehicles fill more quickly requiring more frequent emptying. The cost of dual-streaming can be reduced if an additional bin is provided instead of a bag; one bin for glass, cans and plastic and another bin for paper and card. This would allow collection rounds to remain as they are, with the two recycling bins collected alternately on a 4-weekly basis. This option has however been discounted as many households in Lichfield and Tamworth will be unable to accommodate an additional bin. For operational reasons it will be necessary to provide a second bin to some rural households; these households would have separate bins for fibre and for glass cans & plastics, collected fortnightly on an alternating basis.
- 3.7 Six different service delivery options were evaluated by an Options Appraisal and Financial Assessment and they are as follows:
 - Retain commingled collections and WCAs retain responsibility for disposal.
 - Retain commingled collections and transfer responsibility for disposal to the WDA.
 - Introduce dual stream collections using an additional bin for paper/card and WCAs retain responsibility for disposal.
 - Introduce dual stream collections using an additional bin for paper/card and transfer responsibility for disposal to the WDA.
 - Introduce dual stream collections using a bag for paper/card and WCAs retain responsibility for disposal.
 - Introduce dual stream collections using a bag and transfer responsibility for disposal to the WDA.
- 3.8 Cabinet received a report on 6th July 2021 on the advantages and disadvantages of the six options. The decision made was as follows:
 - 1.1 The following recommendations were approved by Cabinet (final approval being subject to parallel agreement by the Council's JWC partners Tamworth Borough Council):
 - Subject to Staffordshire County Council's agreement to fund an equitable share of the additional costs, the Joint Waste Service move to a dual-stream collection methodology (Option 5); subject to recommendation 1.2. The key principles the Council would seek in an equitable cost share between itself and the County Council would be as follows:
 - There should be no capping of the level of support, the sharing should be on an open book reconciliation of actual costs,
 - The cost sharing to including all additional costs of a dual-stream service, including costs of transition and implementation,
 - That there should be no modification of the current mechanism of uplifting recycling credit in line with RPI.

If unable to agree this equitable split the Council would hand back comingled disposal as detailed in the final bullet point of recommendation 1.1.

• The dual-stream collections be based on a default of a bin for glass cans and plastics and a bag for paper and card (a second bin may be provided where this proves more suitable to residents and collection rounds).

- Delegation of the authority to enter into contracts for the disposal of dual-stream waste to the Cabinet Member for Climate Change and Recycling and the Head of Operational Services and subject to recommendation 1.2.
- If Staffordshire County Council do not agree to fund an equitable share of the additional costs of dual-stream collection; the existing commingled collection methodology (option 2) to be retained and the transfer of responsibility for the disposal of Dry Mixed Recycling be returned to Staffordshire County Council from 1st April 2022 (subject to recommendation 1.2).
- 1.2 The Cabinet recommended that Council update the Medium Term Financial Strategy based on the additional financial implications of the selected option:
 - Option 5: to increase the revenue budget by a maximum of £146,909 (Full Cost £251,988 and Tamworth BC cost £105,079) per annum from 2022/2023. This budget pressure may reduce as a result of cost sharing negotiations with Staffordshire County Council. In addition, to include a new project in the Capital Programme in 2021/22 for £229,183 (Lichfield DC £133,614 and Tamworth BC £95,569) funded by contributions from Staffordshire CC, Tamworth BC and Lichfield DC (reserves) or;
 - Option 2: to increase the revenue budget by £50,491 (Full Cost £86,605 and Tamworth BC cost £36,114) per annum from 2022/23

4. Proposal for Consideration

- 4.1 Since the 6th July, negotiations have been undertaken with both members and officers of Staffordshire County Council in a constructive and collaborative manner. As with all negotiations, compromises on the part of all parties have had to be made in order to get to an overall agreement.
- 4.2 The final position reached is that Staffordshire County Council has committed to sharing 50% of the additional recurring costs of £251,000 per annum of implementing dual stream recycling in both Lichfield DC and Tamworth BC in 2022 (so £125,000 per annum additional); and has agreed to an open sharing of the transitional costs on a 50/50 basis up to a maximum level of £94,000 and available up to the end of June 2022; but has not agreed to uplift RPI on recycling credits.
- 4.3 Officers have completed further preparatory work and believe the transitional costs can be managed well within the maximum envelope identified by the County Council so the risk is low.
- 4.4 The position reached is that there is agreement between Lichfield DC, Tamworth BC and Staffordshire County Council to share on a 50/50 (LDC/TBC and SCC) basis the additional permanent costs of implementing dual stream recycling and to share the transitional costs moving to dual stream up to a maximum contribution of £94,000 from the County Council. Agreement could not be reached on maintaining the current level of inflation funding and so this represents a cost pressure for the Joint Waste Service.
- 4.5 After many months of negotiations on these matters, the draft agreement as set out in 4.4 is considered the best that can be reached so Cabinet has to decide if this is acceptable.
- 4.6 If this draft agreement is not considered acceptable there is no further room for negotiation and in these circumstances, Lichfield DC and Tamworth BC (subject to decisions yet to be taken) would need to confirm to Staffordshire County Council that we wish to hand back responsibility for disposal of dry mixed recycling from 1 April 2022.
- 4.7 Handing back disposal of dry mixed recycling needs to be considered with caution. If the intent was to retain comingled collection, this would be the most expensive option for the Staffordshire taxpayer, the least environmentally sustainable option and would do nothing to improve recycling rates. Moreover

there is a risk that the County Council could use their powers of direction to compel a switch to dualstream recycling, which Lichfield and Tamworth would have limited ability to subsequently shape. It is understood that the other Staffordshire Waste Collection Authorities currently contracted to Biffa have agreed a switch to dual-stream collection with the County Council. Handing back comingled disposal would leave Lichfield and Tamworth as an outlier locally and moving contrary to the national trend towards improving recycling rates by improving the quality of what's collected.

- 4.8 If the financial agreement is considered acceptable, then delegated authority is requested for the Head of Operational Services in consultation with the Cabinet Member for Climate Change and Recycling to implement a new system of dual stream recycling in a phased manner from April 2022 for Lichfield DC and from May 2022 for Tamworth BC (subject to their separate decisions on this matter). Briefing of all elected Members on the new system will take place prior to implementation and a communications plan and public information campaign on the new system would occur prior to the transition from collecting the current commingled waste to dual stream recycling.
- 4.9 If the move to a new system of dual stream recycling is agreed, a scrutiny task group will be established to help inform and shape the operational detail of the new collections.

Alternative Options	 Alternative options have been considered but they are a net additional cost to the Staffordshire taxpayer and have no beneficial environmental impact over existing arrangements. 						
Consultation	 Tamworth Borough Council as our partners in the Joint Waste Service. Staffordshire Council as the WDA. 						
Financial Implications	The Financial Impact Assessment provided in the report to Cabinet on 6 July 2021 detailed the financial implications of the various options on the Joint Waste Service compared to the Approved Budget. The impact on Lichfield District Council of the dual recycling option together with a more pessimistic scenario (5% increase in tonnage and a 50% reduction in income) and more optimistic scenario (5% reduction in tonnage and a 50% increase in income) using the 2020/21 cost sharing ratio would be:						
				m Bag and Bir			
		2021/22 £	2022/23 £	2023/24 £	2024/25 £	2025/26 £	Total £
			ost - Central As				_
	Full Cost (annual inflation of 2%) Less : cost sharing SCC (50% assume	£0	£252,000	£257,000	£262,000	£267,000 (£126,00	£1,038,000
	no inflation)	£0	(£126,000)	(£126,000)	(£126,000)	0)	(£504,000)
	Cost to Joint Waste Less: Tamworth BC share (41.7%)	£0	£126,000	£131,000	£136,000	£141,000	£534,000
	Lichfield DC (58.3%)	£0 £0	(£53,000) £73,000	(£55,000) £76,000	(£57,000) £79,000	(£59,000) £82,000	(£224,000) £310,000
	Rev	venue Cost - I	More Pessimis	tic Assumptio	ns		
	Full Cost (annual inflation of 2%)	£0	£381,000	£389,000	£397,000	£405,000 (£126,00	£1,572,000
	Less : cost sharing SCC (capped)	£0	(£126,000)	(£126,000)	(£126,000)	0)	(£504,000)
	Cost to Joint Waste	£0	£255,000	£263,000	£271,000	£279,000 (£116,00	£1,068,000
	Less: Tamworth BC share (41.7%)	£0	(£106,000)	(£110,000)	(£113,000)	(E116,00 0)	(£445,000)
	Lichfield DC (58.3%)	£0	£149,000	£153,000	£158,000	£163,000	£623,000
	Revenue Cost - More Optimistic Assumptions						
	Full Cost (annual inflation of 2%) Less : cost sharing by SCC (50%	£0	£112,000	£114,000	£116,000	£118,000	£460,000
	assume no inflation)	£0	(£56,000)	(£56,000)	(£56,000)	(£56,000)	(£224,000)
							£236,000
	Less: Tamworth BC share (41.7%)	£0	(£23,000)	(£24,000)	(£25,000)	(£26,000)	(£98,000)

	Lichfield DC (58.3%)	£0	£33,000	£34,000	£35,000	£36,000	£138,000
		2021/22 £	2022/23 £	Total £			
	Capital and Ti	ransitional Co	sts				
	Transitional Costs (Mid May) Purchase of Bins and Bags	£229,000	£68,000	£68,000 £229,000			
	Less : sharing by SCC (50% capped @ £94,000)		(£34,000)	(£34,000)			
	Additional cost to the Joint Waste Partnership	£229,000	£34,000	£263,000			
	Less : Tamworth BC share Additional cost to Lichfield DC	(£95,000) £134,000	(£34,000) £0	(£129,000) £134,000			
	Waste Property Growth Reserve	(£134,000)	£0	(£134,000)			
	Waste Property Growth Reserve	£					
	Opening Balance	(£214,372)					
	Capital and Transitional Costs Closing Balance	£134,000 (£80,372)					
	option to the Joint Waste serv	vice is proj	tion is not selected, then the cost of the alternative projected to be £87,000 per annum, Tamworth BC's and Lichfield DC's share would be £51,000 per annur				
Approved by Section 151 Officer	Yes						
Legal Implications	There are no legal implications associated with this proposal.						
Approved by Monitoring Officer	Yes						
Contribution to the Delivery of the Strategic Plan	The provision of the Joint Waste Service a plays a key role in assuring we have a clean, green and welcoming place						
Equality, Diversity and Human Rights Implications	There are no equality, diversity and human right implications associated with implementing the recommendations on the Future of the Dry Recycling Service. An Equality Impact Assessment has been completed and confirms that that vulnerable residents can use this system safely – the existing system of assisted collections will continue and be expanded to encompass the revised collection system.						
Crime & Safety Issues	There are no crime and safety issues associated with implementing the recommendations.						
Environmental Impact	Of the available options, dual-stream collection and disposal is considered likely to deliver the best recycling rates						

There are no GDPR or privacy impact issues associated with this report as it contains no personal data or reference to personal data.

Assessment

	Risk Description & Risk	Original	How We Manage It	Current
	Owner	Score		Score
		(RYG)		(RYG)
А	Reputational risk if transition to	Likelihood :	Brief Elected Members on the new system; Public	Likelihood :
	dual stream is not smooth	Yellow	information and Communications campaign on new	Green
		Impact : Red	system.	Impact : Red
		Severity of Risk		Severity of
		: Red		Risk : Yellow
В	The JWS does not manage to	Likelihood:	Ensure early dialogue with BIFFA and keep WDA	Likelihood:
	enter into an agreement for the	Yellow	updated.	Green
	continued disposal of	Impact: Red		Impact: Red
	recyclates.	Severity of		Severity of
		Risk: Red		Risk: Yellow
С	The service is not compatible	Likelihood:	Further review of the service	Likelihood:
	with the proposals adopted in	Green		Green
	the National Waste Strategy	Impact: Red		Impact: Red
		Severity of		Severity of
		Risk: Yellow		Risk: Yellow
D	Split bodied vehicles not	Likelihood:	Continuing Dialogue with manufacturer and order	Likelihood:
	available in time	Yellow	against agreed deadlines	Green
		Impact: Red		Impact: Red
		Severity of		Severity of
		Risk: Red		Risk: Yellow

Background documents

June Cabinet – Future of Dry Recycling Services

https://democracy.lichfielddc.gov.uk/documents/s10915/Item%205%20-%20DMR%20Cabinet%2028.06.21.pdf

Relevant web links