

Appendix 3 – Carbon Impact Assessment

Will the decision/proposal impact...	Impact	If an impact or potential impacts are identified			
		Describe impacts or potential impacts on emissions from the Council and its contractors.	Describe impact or potential impacts on emissions across Rotherham as a whole.	Describe any measures to mitigate emission impacts	Outline any monitoring of emission impacts that will be carried out
Emissions from non-domestic buildings?	Reduces emissions	<p>Introduction of environmental controls to support care of collections will increase carbon emissions from energy use; in the longer term, heat decarbonisation and decarbonisation of the UK electricity system will cut these emissions to net or near-zero.</p> <p>Management and appraisal of collections at Bailey House will mitigate the need for further storage. Construction or acquisition of additional storage space would have a carbon impact, from carbon emissions embodied in construction materials and/or from energy use on site.</p>	N/A	<p>A decarbonisation report has been carried out for Bailey House which included a review of heating systems and energy efficiency improvements such as insulation.</p> <p>Funding has been identified to renew the roof which will include additional insulation. A decision on the future of Bailey House is still under review: heat decarbonisation works will not commence before 27/2028, at the earliest.</p> <p>A further condition survey will be carried out which may incorporate some of the issues raised in the Decarbonisation report with a view to longer term planning to improve the building and reduce its carbon footprint. This will</p>	Any changes in energy use at Bailey House will be reflected in the Council's greenhouse gas emissions accounting and is included in the council's net zero by 2030 target.

				be subject to identifying the appropriate funding and any support through grants.	
Emissions from transport?	Reduces emissions	<p>Management and appraisal of collections will increase the number of collections stored at Clifton Park Museum. This reduces the need for staff travel between sites and movement of collection between Bailey House and Clifton Park Museum.</p> <p>The library vehicle is used to transport collection to/from Bailey House to Museum as part of their library deliveries.</p>	N/A	<p>Opportunities for further mitigation e.g., by shifting from private vehicles to public transport and active travel between sites, are limited by practical constraints: collection items may not be transported by public transport, due to an unacceptable level of risk of theft, loss or damage.</p> <p>In the future, consideration could be given to setting up a pool of one or more electric vehicles for Collections staff to transport items could cut emissions from staff travelling in their own vehicles between sites.</p>	Staff mileage is within scope of 'Net Zero by 2030' emissions accounting, in the Council's climate change annual report. For emissions to be accurately reported, staff must claim for all travel between sites.
Emissions from waste, or the quantity of waste itself?	No impact	N/A	N/A	N/A	N/A
Emissions from housing and domestic buildings?	No impact	N/A	N/A	N/A	N/A

Emissions from construction and/or development?	No impact	N/A	N/A	N/A	N/A
Carbon capture (e.g. through trees)?	No impact	N/A	N/A	N/A	N/A

Identify any emission impacts associated with this decision that have not been covered by the above fields:

The service currently cares for 160GB of born-digital material and digital copies of scanned archive material which is currently stored on a council server (our “digital repository”), with about 80 GB of free space remaining. The Archives Collections Management Policy sets out a clear standard for collecting digital assets to reduce the risk of acquiring and storing unnecessary digital assets.

Please provide a summary of all impacts and mitigation/monitoring measures:

Implementing the Archive Collections Management Policy will have a carbon impact as the service continues to grow the Archive and Local Studies collections. However, the Policy also sets out the standards for appraisal and cataloguing to ensure space is maximised at the Collections store.

In the longer term, decarbonisation of heating systems and of the UK electricity system will cut greenhouse gas emissions from collections’ storage; albeit the progress of works at Bailey House, further to the roof renewal identified above, will depend on funding opportunities and a decision regarding the long term future of the site.

Supporting information:

Completed by: (Name, title, and service area/directorate).	Leanne Buchan, Head of Creative Programming & Engagement Lisa Howarth, Museums, Arts & Heritage Manager Louis Fitzpatrick, Building Officer Steven Cope, Commercial Energy Manager
Please outline any research, data, or information used to complete this [form].	Decarbonisation Report for Bailey House, David Rhodes and Steven Cope
If quantities of emissions are relevant to and have been used in this form please identify which conversion factors have been used to quantify impacts.	n/a
Tracking [to be completed by Policy Support / Climate Champions]	Tracking reference: CIA364 Katie Rockett, Climate Change Officer