

**Appendix F  
Eco Impact Checklist**

<b>Title of report: Proposals for future waste collection, street cleansing &amp; winter maintenance</b>				
<b>Report author: Netta Meadows</b>				
<b>Anticipated date of key decision: 2<sup>nd</sup> August 2016</b>				
<b>Summary of proposals: Award the Bristol Waste Company a ten year contract to provide integrated waste services</b>				
Will the proposal impact on...	Yes/No	+ive or -ive	If Yes...	
			Briefly describe impact	Briefly describe Mitigation measures
Emission of Climate Changing Gases?	y	-ve	Emissions arise from collection, recycling & disposal of waste. Also from the operation of site depots/ HWRCs, winter gritting and cleansing services	Emissions should reduce overall through commitments to improve re-use, recycling, fleet specification and reduce waste arisings
Bristol's resilience to the effects of climate change?	y	both	Type & location of future disposal/ recycling facilities may impact on resilience  Proposed location for new HWRC may be vulnerable to flooding	Resilience will be considered as part of any new contractual arrangements  To be addressed through Planning process. Flood risk assessment will be carried out.
Consumption of non-renewable resources?	y		Fuels, construction materials and energy are required for the delivery of this contract. Winter gritting consumes salt	Improved vehicle fleet specification at replacement
Production, recycling or disposal of waste	y		Proposal is for collection, recycling & disposal of municipal waste	Commitments to improve re-use, recycling rate and reduce residual waste arisings.
The appearance of the city?	y	+ve	Effectiveness of cleansing operations may alter appearance of the city	

		?	Construction of HWRC	Appearance managed via Planning
Pollution to land, water, or air?	y	-ve	Vehicle emissions from collection & disposal of waste, including customer travel to HWRCs Vehicle emissions from cleansing & winter gritting Odour from waste facilities Potential discharges from waste facilities	Replacement vehicle fleet will be lower emission than current arrangements. Site operational impacts will be managed via Bristol Waste's EMS and Environmental Permitting requirements.
Wildlife and habitats?	y	?	Any construction (e.g. new HWRC) may impact on wildlife & habitats	Guidance on protecting species & habitats will be sought from the Council's Natural Environment team, including opportunities for enhancement. They will also be consulted with as part of the Planning process.

**Consulted with:**

Steve Ransom, Environmental Programme Manager

**Summary of impacts and Mitigation - to go into the main Cabinet/ Council Report**

**The significant impacts of this proposal are...**

- The collection, recycling and disposal of waste emits significant quantities of climate changing gases
- Transport and disposal of waste (including waste collection fleet) emits gases detrimental to air quality and public health
- Works for a new HWRC will consume resources and create some local impacts such as customer travel
- The proposal includes significant legal compliance requirements, for example Environmental Permits at three HWRCs

**The proposals include the following measures to mitigate the impacts...**

- Municipal recycling rate and total waste arisings will both be improved, to improve overall citywide performance
- The council will construct a new Household Waste Recycling Centre at Hartcliffe Way, to be operated by Bristol Waste
- Future waste collection arrangements and disposal procurement will include environmental assessment to ensure that overall environmental impacts are mitigated and reduced compared with current arrangements
- Bristol Waste will work with local groups to increase re-use, including a re-use

facility at Hartcliffe Way HWRC

- Replacement vehicles will have improved environmental performance compared with the current fleet, including the use of fuels that will help improve local air quality
- Bristol Waste will implement an externally-certificated Environmental Management System registered to EMAS or ISO14001, and publicly report on its environmental performance

**The net effects of the proposals are...**

In the short term, impacts are likely to be similar to current environmental performance as the vehicle fleet, collection specification and disposal contracts are inherited from previous arrangements. In the longer term, significant potential for improvement exists through a range of measures, including improved recycling rates, a new HWRC, reduced waste arisings, cleaner vehicles and lower-impact residual waste disposal.

**The overall impact is positive**

**Checklist completed by:**

Name:	
Dept.:	
Extension:	
Date:	
Verified by Environmental Performance Team	