

Eco Impact Checklist

Title of report: Bristol Waste Company Business Plan				
Report author: Adam Henshaw (BWC Finance Director)				
Anticipated date of key decision: 1 March 2022				
Summary of proposals: Bristol Waste The significant eco impacts of this proposal are: <ul style="list-style-type: none"> • Opening of a third household reuse recycling centre (HRRC) at Hartcliffe • Installation of new equipment (for example a new baler at Avonmouth HRRC) • The use of collection vehicles 				
Will the proposal impact on...	Yes/No	+ive or -ive	If Yes...	
			Briefly describe impact	Briefly describe Mitigation measures
Emission of Climate Changing Gases?	Yes	-ive	Running collection vehicles, equipment and sites will generate climate changing gases. Construction of the third HRRC and development at Avonmouth HRRC will generate emissions.	Where possible, vehicles are replaced with electric vehicles (supervisor vans and electric forklift trucks). Mini recycling centre fleet have been replaced with cleaner and more efficient Euro 6 Diesel engines Photovoltaic solar panels will be included in the Avonmouth Transfer Station Phase 2 and new Hartcliffe HRRC sites. Other mitigation measures would be agreed as part of the planning process. Other specific mitigation for the construction agreed with the Sustainable City Team at the planning stage.
Bristol's resilience to the effects of climate change?	Yes	-ive or +ive	Construction of the third HRRC and development at Avonmouth HRRC may affect resilience.	Specific mitigation for the construction agreed with the Sustainable City Team at the planning stage.
Consumption of non-renewable resources?	Yes	-ive	Construction of the third HRRC and development at Avonmouth HRRC may use non-	Mitigation for the construction agreed with the Sustainable City Team at the planning stage.

			renewable resources.	
Production, recycling or disposal of waste	Yes	-ive or +ive	<p>Decisions about how waste will be collected, sorted and treated will have an impact.</p> <p>Construction of the third HRRC and development at Avonmouth HRRC will generate waste.</p>	<p>Achieving a number of KPIs relating to increased recycling and reuse rates (% of municipal waste diverted from landfill and % of household waste that is reused, recycled or composted).</p> <p>Promoting a culture of reuse through the Reuse Shop.</p> <p>Increasing recycling capacity through development of Avonmouth HRRC and new Hartcliffe HRRC.</p> <p>Specific mitigation for the construction would be agreed with the Sustainable City Team at the planning stage.</p>
The appearance of the city?	Yes	+ive	Removing waste makes the city look better.	No mitigation needed.
Pollution to land, water, or air?	Yes	-ive	Running collection vehicles, equipment and sites will generate some air pollution.	<p>Moving to electric powered vehicles where possible (supervisor vans and electric fork lift trucks).</p> <p>Replacing mini recycling centre fleet with cleaner, more efficient Euro 6 Diesel engines.</p> <p>Removing dependency on diesel as course source of fuel by replacing collection fleet with vehicles of low and zero emissions and using gas to liquid fuel which reduces nitrous oxide emissions from vehicles</p>

			Construction and running of the third HRRC and development at Avonmouth HRRC will generate noise, dust and other pollution.	Specific mitigation for the construction would be agreed with the Sustainable City Team at the planning stage. A green corridor of trees is planned for the third HRRC.
Wildlife and habitats?	Yes	-ive or +ive	Construction of the third HRRC and development at Avonmouth HRRC may impact wildlife and habitats.	Specific mitigation for the construction would be agreed with the Sustainable City Team at the planning stage. A green corridor of trees is planned for the third HRRC.

Consulted with:
Bristol Holding Limited
Bristol Waste Company Limited
Shareholder Group
Overview and Scrutiny Management Board
Sustainable City and Climate Change Service

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

The net effects of the proposals are likely to be positive, due to the nature of Bristol Waste's business and its emphasis on reducing waste, increasing recycling and reuse of waste products.

Checklist completed by:

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