

Eco Impact Checklist

Title of report: Bristol Holding Group Business Plans				
Report author: Tim O’Gara (Legal and Democratic Services Director)				
Anticipated date of key decision: 9 March 2021				
Summary of proposals: Bristol Waste				
The significant eco impacts of this proposal are:				
<ul style="list-style-type: none"> • Construction 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 would be 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 would be 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 would be 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 increasing recycling and reuse of waste products.

Checklist completed by:

Name:	Claire Jeffwitz
Dept.:	Shareholder Liaison Service
Extension:	07464 537708
Date:	22/02/2021
Verified by Environmental Performance Team	Giles Liddell (Climate Change Team)

Eco Impact Checklist

Title of report: Bristol Holding Group Business Plans				
Report author: Tim O’Gara (Legal and Democratic Services Director)				
Anticipated date of key decision: 9 March 2021				
Summary of proposals: Goram Homes The significant eco impacts of this proposal are:				
<ul style="list-style-type: none"> • Housing development • Becoming a B Corp certified business, which includes consideration of environmental impacts. 				
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	Housing development and occupation of the homes will emit climate changing gases.	<p>Adopting the ‘RIBA 2030 Climate Challenge Targets’ for operational energy use, embodied carbon and water us reduction (using targets detailed in the business plan).</p> <p>Using the social value portal to monitor Goram’s outputs, particularly in respect of the theme ‘Environment: Decarbonising and Safeguarding our World’ (including measures such as ‘reduction in CO2 emissions from building performance and onsite renewables’).</p> <p>Integrating the Future Cities Catapult theme ‘Low Carbon Houses’ into its innovation action plan, by developing a JV partner selection methodology around low carbon / zero carbon housing so that all future projects are future proofed and low carbon is not considered a ‘nice to have’ but a core delivery</p>

				<p>commitment, and exploring lifetime costs (not just capex) as a validation for investment in homes.</p> <p>Specific mitigation for the construction would be agreed with the Sustainable City Team at the planning stage.</p> <p>Goram Homes should also be encouraged to consider the value of taking account of the One City Climate Strategy goals and targets.</p>
Bristol's resilience to the effects of climate change?	Yes	-ive or +ive	Housing development and occupation of the homes may be more or less resilient to the effects of climate change.	Specific mitigation for the construction would be agreed with the Sustainable City Team at the planning stage.
Consumption of non-renewable resources?	Yes	-ive	Housing development and occupation of the homes is likely to consume some non-renewable resources.	Specific mitigation for the construction would be agreed with the Sustainable City Team at the planning stage.
Production, recycling or disposal of waste	Yes	-ive or +ive	Housing development and occupation of the homes will produce waste.	<p>Using the social value portal to monitor Goram's outputs, particularly in respect of the theme 'Environment: Decarbonising and Safeguarding our World' (including measures such as '% waste diverted from landfill').</p> <p>Modern Methods of Construction (MMC) homes (which Goram Homes notes it is considering) are likely to reduce site-based and</p>

				overall waste.
The appearance of the city?	Yes	-ive or +ive	Housing development has the potential to enhance or detract from the appearance of the city, but is likely to be beneficial.	Specific mitigation for the construction would be agreed with the Sustainable City Team at the planning stage.
Pollution to land, water, or air?	Yes	-ive	There will inevitably be some localised pollution and scheme specific impacts on habitats from construction.	Specific mitigation for the construction would be agreed with the Sustainable City Team at the planning stage.
Wildlife and habitats?	Yes	-ive or +ive	Housing development and occupation of the homes may remove habitats from the land being developed, but habitats may also be created.	<p>Seeking to adopt the 'Build with Nature Standards' which is a framework of standards brings together existing guidance and good practice to recognise high-quality green infrastructure at all stages of the development process, including policy, planning, design, delivery and long-term management and maintenance.</p> <p>Goram Homes should also be encouraged to consider the value of taking account of the One City Ecological Emergency Strategy goals and targets.</p> <p>Goram Homes should consider Defra's biodiversity metric and, where practical, deliver biodiversity net gain through creation of additional habitat in combination/as part of green infrastructure eg Suds/ green-space provision.</p>

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 - <u>to go into the main Cabinet/ Council Report</u>				
The net effect of the proposals is dependent on the extent to which Goram Homes can deliver the above mitigations and the extent to which it can exceed the environmental performance of developments that would typically be delivered by the private sector. Since development would be happening in any case, the above mitigations would be likely to deliver a positive net effect.				
Checklist completed by:				
Name:		Claire Jeffwitz		
Dept.:		Shareholder Liaison Service		
Extension:		07464 537708		
Date:		22/02/2021		
Verified by Environmental Performance Team		Giles Liddell (Climate Change Team)		