

Eco Impact Checklist

Title of report: Hartcliffe Way Household Reuse and Recycling Centre				
Report author: Oliver Roberts				
Anticipated date of key decision: 02/07/2019				
Summary of proposals: To seek authorisation to develop land and buildings at Hartcliffe Way, Hengrove to create a third Household Waste Recycling Centre to include reuse facilities.				
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	-ive/ +ive	<p>Construction activity will emit climate changing gases</p> <p>When built daily operation will emit climate changing gases, through energy use and heating.</p> <p>Anticipated increase in recycling rates will reduce the overall carbon footprint of the city.</p>	<p>All building works will meet planning policy guidance BCS13-15 as laid down in the BCC Core Strategy 2011.</p> <p>Ensure site is designed in an efficient manner. LED/energy efficient lighting where possible, solar PV is considered if possible.</p>
Bristol's resilience to the effects of climate change?	Y	-ive /+ive	<p>The site is adjacent to the Pigeonhouse and Malago streams. Dependent upon the exact nature of the finalised plans for converting the site to a HWRC, it may:</p> <ul style="list-style-type: none"> - Be at risk of flooding. - Increase the flood plain making surrounding buildings more vulnerable to flooding. - Place additional demand on the mains drainage system. - Increase water run- 	<p>This will be considered during the planning process and through consultation with the Environment Agency.</p>

			<p>off by creating more impermeable surfaces or removing trees</p> <ul style="list-style-type: none"> - Not be designed to cope with extreme temperature variations, or violent storms - Increase water consumption 	
Consumption of non-renewable resources?	Y	<p>-ive</p> <p>+ive</p>	<p>Use of energy and materials during any construction, refurbishment and engineering works.</p> <p>Upcycling, re-use, re-sale and education centre provision is planned, re-use facilities will reduce the amount of items disposed of as waste and encourage use of the waste hierarchy and will contribute to a reduction in the consumption of non-renewable resources.</p>	<p>All building works will meet planning policy guidance BCS13-15 as laid down in the BCC Core Strategy 2011. Materials sourced according to the Green guide specification B where possible. Any timber used to be FSC timer.</p>
Production, recycling or disposal of waste	Y	<p>-ive</p> <p>+ive</p>	<p>Construction activities will generate waste</p> <p>Upcycling, re-use, re-sale and education centre, re-use facilities will reduce the amount of items disposed of as waste</p>	<p>Ensure waste is disposed of according to waste legislation and that the waste hierarchy is followed. The construction contractor will need a waste management plan.</p>

			and encourage use of the waste hierarchy.	
The appearance of the city?	Y	+ive	Additional provision of waste recycling centre will reduce instances of fly tipping.	
Pollution to land, water, or air?	Y	+ive	Additional provision of waste recycling centre will reduce instances of fly tipping, and will mean that residents from the south side of the city need not travel into the centre to use a HWRC, reducing negative impact on air quality in central Bristol.	
		-ive	Construction works have the potential to create pollution	Ensure that chemicals and oils are stored securely according to legislation and that spill control is in place to avoid spills contaminating near-by water courses.
Wildlife and habitats?	Y	-ive	Any construction, refurbishment and engineering works together with the ongoing operation of the site has the potential for impacting upon wildlife and habitats. The site is adjacent to two watercourses.	Guidance on protecting species & habitats will be sought from the Council's Natural Environment team. They will also be consulted with as part of the Planning process. The site will be subject to controls imposed by the Environment Agency, including surface water discharges.

Consulted with:

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

The significant impacts of this proposal are... There are short term impacts from construction including pollution risk and waste generation. Ongoing impacts will come from the operation of the site including energy use. Encouragement and education of re-

use, upcycling and re-sale will improve recycling and re-use within the city.

The proposals include the following measures to mitigate the impacts... Construction activity will adhere to planning policy, and efficient fittings will be considered where possible (For example LED lights, solar pv).

The Environment Agency will be consulted with during the development of detailed plans for the site due to the proximity of two water courses to the site.

The net effects of the proposals are negative in the short term but long term positive as the waste hierarchy will be promoted to residents, it is envisaged that fly-tipping pollution will lower and that recycling rates will increase. Also residents in the South of Bristol will not need to travel to central areas to access a HWRC, therefore will not be adding to air pollution in central Bristol.

Checklist completed by:

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Date:	06/11/2018
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