

APPENDIX 2

Environment and Sustainability Assessment

Birmingham City Council is required to assess any positive or negative impacts that any policy/strategy/ decision/development proposal is likely to have on the environment. This assessment must be completed for CLT and Cabinet reports where appropriate. It is the responsibility of the Service Director signing off the report to ensure that the assessment is complete.

To complete the assessment, you should consider whether the proposal will have a positive or a negative impact on each of the key themes by placing a (√) for positive, (x) for negative and (?) for unclear impact, and (N/A) for non-applicable impact. Further guidance on the completion of the template is available on page 3 below.

Project Title:	New Build Depot for the Relocation of Montague Street and Redfern Road Depots (Atlas Works)			
Directorate: City Operations	Team: Property Services		Person Responsible for assessment: Lesley Steele	
Date of assessment: 5th August 2021	Is it a new or existing proposal? New proposal			
Brief description of the proposal: A new depot will be constructed on the former Atlas Works site in Tyseley. The proposal will amalgamate 2 existing depots (Montague St and Redfern Road Depots).				
Potential impacts of the policy/development/ decision on:	Positive Impact	Negative Impact	No Specific Impact	What will the impact be? If the impact is negative, how can it be mitigated, what action will be taken?
Natural Resources - including water, soil, air	√			Morgan Sindall will focus on air quality improvement by implementing dust control plans, green travel plans, and complying with EU Directive 97/68EC engine emissions standard for all non-road mobile machinery (NRMM). Saving water; Where the scope of works includes for new sanitaryware we will endeavour to use where

				<p>practicable push operation taps for wash hand basins and showers to reduce water usage and also fit low flush toilets.</p> <p>Reduce paper wastage (wood wastage) ;Electronic files and Shared Drives are being utilised by the project team to view/share information reducing paper wastage.</p>
Energy use and CO ₂ emissions	√			<p>The new lighting will use LED fittings with sensor controls in some areas e.g. offices whereby the lighting will be activated when movement is picked up by the sensors.</p> <p>The heating system to be installed is a wet system which can easily be converted to recycled energy in the future (There is an aspiration to connect to Tyseley Incinerator after 2023+ to utilise the energy produced from waste)</p> <p>New sanitary fittings will use push taps to reduce water wastage (and to stop anti-social behaviour by misuse and flooding of toilets)</p> <p>The infrastructure will be installed to allow for the future connection of a live wire from Tyseley RC to operate rapid electric chargers for the fleet.</p> <p>Consideration will be given to how materials used in the refurbishment can be recycled at the end of their useful life.</p> <p>.</p>
Quality of environment	√			<p>We will encourage the contractor to review their transportation plan and encourage their staff where practicable to use public transport, cycle to work and</p>

				<p>car share.</p> <p>Overall, the environment will be improved as the proposed works will extend the life of the buildings ensuring they are fit for purpose.</p> <p>The site of the new build is a brownfield site that will be brought back in to use. The design and access statement states that a green roof will be provided, and some trees will be planted. This will help to improve the quality of the local environment.</p>
Impact on local green and open spaces and biodiversity			√	
Use of sustainable products and equipment	√			<p>Morgan Sindall select partners that have considered the environmental and wellbeing impact of material choices, and the way materials are sourced from raw material extraction all the way through the value chain. Measurement: Social Value Bank – Adoption of Responsible Procurement Framework and percentage of timber sourced from sustainable sources.</p>
Minimising waste	√			<p>Morgan Sindall will have a Site Waste Management Plan. They adopt circular economy principles prevention, reuse, recycling, recovery and disposal. These ensure they design out waste, keep resources in use for as long as possible, extract maximum value while in use and repurpose materials at end of life.</p>
Council plan priority: a city that takes a leading role in tackling climate change	√			<p>We will work in partnership Morgan Sindall and Acivico to ensure a sustainable new build is delivered. We will expect Morgan Sindall to review their working practices to support the R20 agenda e.g. operatives to car share reducing carbon emissions or where practicable cycle or utilise public transport to site.</p>

<p>Overall conclusion on the environmental and sustainability impacts of the proposal</p>	<p>Morgan Sindall Construction the contractor on the project are committed to being a Responsible Business and to conduct its business with the highest standards of sustainability “Improving <i>the environment is fundamental to our business activities. We will act to combat climate change and its impact by reducing the CO2 emissions of our activities. Where possible we reduce, reuse or recycle to minimise our environmental impact. Our carbon strategy is about enabling and empowering customers to achieve their climate change commitments and aspirations. Our current trajectory points towards Net Zero in 2030 for our own operation</i>”.</p>
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Guidance for completing the template

Theme	Example
Natural Resources - Impact on natural resources including water, soil, air.	<p>Does the decision increase water use?</p> <p>Does the decision have an impact on air quality?</p> <p>Does the decision discourage the use of the most polluting vehicles (private and public) and promote sustainable modes of transport or working from home to reduce air pollution?</p> <p>Does the decision impact on soil?</p> <p>For example, development will typically use water for carrying out various operations and, once complete, water will be needed to service the development. Providing water to development and treating affluent water requires energy and contributes to climate change. Some of the activities including construction or disposal of waste may lead to soil pollution. The decisions may lead to more journeys thereby deteriorating air quality and thus contribution to climate change and greenhouse gases.</p>
Energy use and CO ₂ emissions.	<p>Will the decision have an impact on energy use?</p> <p>Will the decision impact on carbon emissions?</p> <p>Most day-to-day activities use energy. The main environmental impact of producing and using energy such as electricity, gas, and fuel (unless it is from a renewable source) is the emission of carbon dioxide.</p>
Quality of environment.	<p>Does the decision impact on the overall quality of the built environment?</p> <p>Decisions may have an impact on the overall setting, character and distinctiveness in the area. For example, if development involves ground digging and excavations etc. it may have an impact on the local archaeology.</p>
Impact on local green and open spaces and biodiversity	<p>The proposal may lead to localised impacts on the local green and open spaces which may have an impact on local biodiversity, trees and other vegetation in the area.</p> <p>Will the proposal lead to loss (or creation) of green and blue infrastructure?</p> <p>For example, selling an open space may reduce access to open space within an area and lead to a loss of biodiversity. However, creating a new open space would have positive effects.</p>
Use of environmentally sustainable products, equipment and packaging	<p>Will the decision present opportunities to incorporate the use of environmentally sustainable products (such as compostable bags, paper straws etc.), recycled materials (i.e. Forest Stewardship Council (FSC) Timber/wood), non-polluting vehicles, avoid the use of single use plastics and packaging.</p>
Minimising waste	<p>Will the decision minimise waste creation and the maximise recycling during the construction and operation</p>

	of the development/programme/project? Will the decision provide opportunities to improve recycling? For example, if the proposal involves the demolition of a building or a structure, could some of the construction materials be reused in the new development or recycled back into the construction industry for use on another project?
Council plan priority: a city that takes a leading role in tackling climate change and deliver Route to Zero.	How does the proposal or decision contribute to tackling and showing leadership in tackling climate change and deliver Route to Zero aspirations?

If you require further assistance with completing this template, please contact: ESAGuidance@birmingham.gov.uk