

Climate Impact Assessment, Appendix 3, Strategic Community Infrastructure Levy

| Will the decision/proposal impact... | Impact | If an impact or potential impacts are identified: | | | |
|--|----------|--|--|---|---|
| | | Describe impacts or potential impacts on emissions from the Council and its contractors. | Describe impact or potential impacts on emissions across the Borough as a whole. | Describe any measures to mitigate emission impacts | Outline any monitoring of emission impacts that will be carried out |
| Emissions from non-domestic buildings? | None | | | | |
| Emissions from transport? | None | | | | |
| Emissions from waste, or the quantity of waste itself? | None | | | | |
| Emissions from housing and domestic buildings? | None | | | | |
| Emissions from construction and/or development? | Increase | There would be some emissions from the construction of all new infrastructure. | | In designing and implementing schemes, the relevant Council service would seek to reduce emissions and contractors would be encouraged to consider emissions. | Ongoing traffic flows and air quality monitoring. |

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|---|----------|--|--|--|--|
| Carbon capture (e.g. through trees)? | Decrease | | Positive impact on carbon sequestration (net negative emissions) from the landscaping and planting for the flood scheme. | | |
| Identify any emissions impacts associated with this decision which have not been covered by the above fields: | | | | | |

Will the proposal affect Council services' resilience to climate change, or the capacity of people living in the Borough to adapt to climate change?

Yes, the proposed schemes for Strategic CIL funding will improve Council services' resilience to climate change. Whiston Brook flood alleviation scheme will reduce the risk of flooding in affected areas and improve traffic flows in the event of a flood, with direct benefits for people's safety, avoided travel disruption and avoided productivity loss/economic cost of flooding. . Planting and landscaping for the scheme may promote infiltration and slow surface water flows.

Provide a summary of all impacts and mitigation/monitoring measures:

The Council's Local Plan provides a long-term development strategy for the Borough, setting out policies and proposals for new development. The CIL spending process is designed to prioritise and allocate Strategic CIL funds to infrastructure schemes to support growth promoted by the Local Plan. The Local Plan itself was subject to sustainability appraisal as part of its drafting, so its implementation inherently promotes sustainable development.

The Council's Infrastructure Delivery Study identifies a broad range of infrastructure which could have impact on emissions including water, flood risk, broadband & telecommunications, energy, green infrastructure/environment, transport, health, emergency services, cultural and community facilities, education, libraries, and waste.

All development is likely to have an impact on carbon emissions. However, the infrastructure projects have been carefully considered against sustainability principles and carbon emissions can be considered at the project delivery stage.

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| Supporting information: | |
| Climate Impact Assessment Author | <p>Andy Duncan Planning Policy Manager Planning and Regeneration Regeneration and Environment</p> |
| Please outline any research, data or information used to complete this Climate Impact Assessment. | <p>Infrastructure Delivery Study</p> <ul style="list-style-type: none"> • https://www.rotherham.gov.uk/downloads/file/2396/rotherham-2020-infrastructure-delivery-study-march-2021 <p>Local Plan Integrated Impact Assessment</p> <ul style="list-style-type: none"> • https://www.rotherham.gov.uk/downloads/download/37/local-plan-core-strategy-documentation • https://www.rotherham.gov.uk/downloads/download/64/local-plan-sites-and-policies-documentation <p>Supplementary Planning Document No. 2 Air Quality and Emissions</p> <ul style="list-style-type: none"> • https://www.rotherham.gov.uk/downloads/file/1783/spd2-air-quality-emissions-june-2020- |
| If quantities of emissions are relevant to and have been used in this form please identify which conversion factors have been used to quantify impacts. | N/A |
| Validation | <p>Tracking Reference: CIA 565 Arthur King Principal Climate Change Officer</p> |