

Appendix 2 – Carbon Impact Form – Improving Places Select Committee - Update on reducing flood risk across the Borough and the Council’s Six Priority Flood Alleviation Scheme (FAS) projects.

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 Rotherham 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?	No impact	-	-	-	-
Emissions from transport?	Increases emissions	Increased transport movements will occur during survey/investigation and construction works.	N/A – only localised impacts anticipated	Where practical, reduce travel during survey/investigation works, and target use locally sourced materials during construction works.	-
Emissions from waste, or the quantity of waste itself?	Increases emissions	Demolition and clearance works would result in additional emissions during such works.	N/A – only localised impacts anticipated	Where practical, re-use materials from demolition and clearance works within the permanent works, or dispose of to local disposal sites	-
Emissions from housing and domestic buildings?	No impact	-	-	-	-
Emissions from construction and/or development?	Increases emissions	<p>The Council has a statutory duty under the Flood and Water Management Act 2010 to investigate flood risk.</p> <p>The Council seeks to reduce flood risk where possible for the benefits of Rotherham’s communities, businesses and infrastructure operators.</p> <p>Both the above can increase emissions in the short term.</p>	N/A – only localised impacts anticipated	Where practical, the FAS assets should be designed to reduce emissions from construction, including targeting the use locally sourced materials during construction works.	-

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		Describe impacts or potential impacts on emissions from the Council and its contractors.	Describe impact or potential impacts on emissions across Rotherham as a whole.	Describe any measures to mitigate emission impacts.	Outline any monitoring of emission impacts that will be carried out.
Carbon capture (e.g. through trees)?	Reduce impact	Whilst some trees will need to be removed to construct FAS assets, this loss will be mitigated through replacement tree planting.	N/A – only localised impacts anticipated	The Council is targeting Biodiversity Net Gain across the FAS projects, and this will include planting new trees (in addition to those required as replacements for lost trees).	-

Identify any emission impacts associated with this decision that have not been covered by the above fields:

The long term benefit of reducing flood risk will reduce the overall impacts on emissions because:

- Property/infrastructure will be flooded less frequently, requiring less frequent property and infrastructure repair works to be undertaken
- Emergency response during flood events that is provided via the Council and its Partners will require less travel and material use

Please provide a summary of all impacts and mitigation/monitoring measures:

In the short term, emissions will increase during the survey/investigation and construction phases of the FAS projects, with only localised impacts anticipated. Medium and long term impacts would be a reduction in emissions, because flooding will be less frequent, reducing the impacts associated with carrying out repair works and delivering an emergency response.

Supporting information:

Completed by: (Name, title, and service area/directorate).	Richard Jackson, Head of Highways and Flood Risk
Please outline any research, data, or information used to complete this [form].	Nil, at this time
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.	Nil, at this time.
Tracking [to be completed by Policy Support / Climate Champions]	Sam Blakeborough, Policy Officer, PPI, ACEX