

Climate Impact Assessment, Appendix 6, Revocation of the Fitzwilliam Road and Rawmarsh Annual Mean Nitrogen Dioxide Air Quality Management Areas

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?	None				
Carbon capture (e.g. through trees)?	None				

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

None

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

No. Although air quality is often associated with climate change, as a 'co-benefit' of the transition from fossil fuels to renewable, electric energy systems, revocation of an existing AQMA to reflect the decrease of NO_x concentrations to within legal limits has no material effect on carbon emissions. Improved air quality will have benefits for population health in the longer term, which may increase resilience to climate change hazards such as extreme heat, which can affect people's health and wellbeing by interacting with underlying respiratory conditions, for which air quality is a known risk factor.

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

The revocation of an Air Quality Management Area (AQMA) is an administrative process with no impact on levels of greenhouse gas emissions. AQMA's at Fitzwilliam Road and Rawmarsh hill were designated and are monitored for NO_x pollutants, not to be confused with N₂O, nitrous oxide – a greenhouse gas.

Supporting information:

Climate Impact Assessment Author

Lewis Coates
Service Manager Regulation and Enforcement
Community Safety and Street Scene
Regeneration and Environment

Please outline any research, data or information used to complete this Climate Impact Assessment.

Not applicable.

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.

Not applicable.

Validation

Tracking Reference: CIA 611

Arthur King
Principal Climate Change Officer