

Climate Impact Assessment, Appendix 4, Contaminated Land Inspection Strategy 2025 - 2030

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:					

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

In its 2023 report 'Health Effects of Climate Change in the UK', UKHSA (UK Health Security Agency) identifies increased human exposure to hazardous chemicals as a climate change risk, as changes in rainfall patterns affect e.g., rates of erosion and leaching of contaminants from contaminated land.

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

The Contaminated Land Inspection Strategy itself has no identifiable carbon impact. However, works to remediate contaminated land will have a carbon impact, from excavation, processing of hazardous materials, transport and heavy plant emissions and land reclamation. Since the Council does not have sufficient funding proactively to undertake Part 2A detailed inspections of SPCs (Sites of Potential Concern), any such emissions will be the responsibility of developers, where contamination is addressed through planning, or other landowners, in the case of voluntary remediation. Issues noted in section 2.4, 'Hydrogeology and Hydrology of the Area', of the proposed Contaminated Land Inspection Strategy have indirectly affected the Council's climate change mitigation activity: rising mine water levels affected the viability of a site for development as a ground-mounted solar PV installation by the Council.

Supporting information:

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Please outline any research, data or information used to complete this Climate Impact Assessment.	UKHSA. 2023. <i>Health Effects of Climate Change (HECC) in the UK: Chapter 12. Impact of climate change on human exposure to chemicals in the UK.</i> [Online]. [Accessed 13 June 2025]. Available from: <a href="https://assets.publishing.service.gov.uk/media/65705ea1739135000db03bc1/HECC-report-2023-chapter-12-chemicals.pdf">https://assets.publishing.service.gov.uk/media/65705ea1739135000db03bc1/HECC-report-2023-chapter-12-chemicals.pdf</a>
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.	
Validation	Tracking Reference: CIA 489  Arthur King Principal Climate Change Officer