The Great Grid Upgrade

North Humber to High Marnham

NHHM-AEC-CNS-REP-0078

North Humber to High Marnham

Volume 6: Environmental Statement

Document 6.12.A1 Environmental Statement Appendix 12.1 - Regional and Local Planning Policy

Final Issue A

October 2026

Planning Inspectorate Reference: EN020034

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 Regulation 5(2)(a)

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1. Regional and Local Planning Policy

1.1 Introduction

1.1.1 This appendix to **Application Document 6.12 Chapter 12 Geology and Hydrogeology** sets out the planning policies from the relevant regional and local plans listed in **Application Document 6.2 Chapter 2 Legislation and Policy Context** which are considered relevant to the geology and hydrogeology assessment.

1.1.2 Policies within the following plans are considered relevant to geology and hydrogeology and have been detailed in Table 1.1 to Table 1.6.

- East Riding of Yorkshire Local Plan Update 2020 – 2039 (East Riding of Yorkshire Council, 2025);
- North Lincolnshire Local Development Framework Core Strategy 2006 – 2026, Adopted 2011 (North Lincolnshire Council, 2011);
- Saved Policies of the North Lincolnshire Local Plan 2003 Saved Updated 2024 (North Lincolnshire Council, 2024);
- Bassetlaw Local Plan 2020-2038, Adopted 2024 (Bassetlaw District Council, 2024);
- East Riding of Yorkshire and Kingston Upon Hull Joint Minerals Local Plan, Adopted 2019 (East Riding of Yorkshire Council and Hull City Council, 2019); and
- Nottinghamshire Minerals Local Plan, Adopted 2021 (Nottinghamshire County Council, 2021).

East Riding of Yorkshire Local Plan Update 2020 – 2039

1.1.3 The policies set out in Table 1.1 are considered relevant to geology and hydrogeology.

Table 1.1 – East Riding of Yorkshire Local Plan Update 2020-2039 policies relevant to geology and hydrogeology

Policy	Where this is covered in the Application
ENV6: Managing environmental hazards Section H of Policy ENV6 relates to groundwater pollution and discusses how potential groundwater pollution should be managed within sensitive groundwater areas such as Source Protection Zones.	The assessment for the potential risks of groundwater contamination is included within **Application Document 6.12.A2 Appendix 12.2 Preliminary Contamination Risk Assessment** and **Application Document 6.12.A4 Appendix 12.4 Preliminary Qualitative Groundwater Risk Assessment.** The residual effects are then discussed within Section 12.9 of **Application Document 6.12 Chapter 12 Geology and Hydrogeology.**
EC6: Protecting mineral resources	A Preliminary Qualitative Minerals Resource Assessment is presented within **Application**

Policy	Where this is covered in the Application
Policy EC6 relates to the protection of mineral resources and describes what non-mineral development, within or adjacent to a Mineral Safeguarding Area, would be supported by the Local Planning Authority.	**Document 6.12.A3 Appendix 12.3 Preliminary Qualitative Minerals Resource Assessment** which identifies the minerals resources within the Order Limits and the potential effects of the Project on mineral resources.

North Lincolnshire Local Development Framework Core Strategy 2006 – 2026

1.1.4 The policies set out in Table 1.2 are considered relevant to geology and hydrogeology.

Table 1.2 – North Lincolnshire Local Development Framework Core Strategy 2006-2026 policies relevant to geology and hydrogeology

Policy	Where this is covered in the Application
CS17: Biodiversity Policy CS17 related to geologically designated sites and how North Lincolnshire Council will protect these sites. Point 4 of Policy CS17 states '*Ensuring development retains, protects and enhances features of biological and geological interest and provides for the appropriate management of these features*'.	The assessment for sites of geological importance is presented in Section 12.7 of **Application Document 6.12 Chapter 12 Geology and Hydrogeology**. Effects on biodiversity are considered within **Application Document 6.8 Chapter 8 Ecology**.
CS21: Minerals Policy CS21 relates to the safeguarding of mineral resource in North Lincolnshire from other development that would impact any future minerals extraction. The Policy discusses when major developments within Mineral Safeguarding Areas would be permitted.	A Preliminary Qualitative Minerals Resource Assessment is presented within **Application Document 6.12.A3 Appendix 12.3 Preliminary Qualitative Minerals Resource Assessment** which identifies the minerals resources within the Order Limits and the potential effects of the Project on mineral resources.

North Lincolnshire Local Plan 2003

1.1.5 The policies set out in Table 1.3 are considered relevant to geology and hydrogeology.

Table 1.3 – North Lincolnshire Local Plan 2003 policies relevant to geology and hydrogeology

Policy	Where this is covered in the Application
LC2 – Sites of Special Scientific Interest and national Nature Reserves Policy LC2 states that where Geological Conservation Review sites are identified they will be given a national importance.	The assessment for sites of geological importance is presented in Section 12.7 of **Application Document 6.12 Chapter 12 Geology and Hydrogeology**. Effects on biodiversity are considered within **Application Document 6.8 Chapter 8 Ecology**.

Policy	Where this is covered in the Application
M8 – Safeguarding Aggregate Minerals Policy M8 states 'Existing aggregate mineral resources … will be safeguarded from development that may otherwise sterilise or adversely affect their operation'.	A Preliminary Qualitative Minerals Resource Assessment is presented within **Application Document 6.12.A3 Appendix 12.3 Preliminary Qualitative Minerals Resource Assessment** which identifies the minerals resources within the Order Limits and the potential effects of the Project on mineral resources.
DS7 – Contaminated Land Policy DS7 deals with the proposals for development on land known to be contaminated or suspected to be contaminated and details when permission would be granted on such sites.	**Application Document 6.12.A2 Appendix 12.2 Preliminary Contamination Risk Assessment** presents a preliminary contaminated land risk assessment which describes the risks to sensitive receptors from potentially contaminated land and the residual effects are discussed in section 12.9 of **Application Document 6.12 Geology and Hydrogeology**.
DS15 – Water Resources Policy DS15 states 'Development will not be permitted which would adversely affect the quality and quantity of water resource'.	The assessment of groundwater receptors and groundwater quality and quantity is presented in **Application Document 6.12.A4 Appendix 12.4 Application Document 6.12.A4 Appendix 12.4 Preliminary Qualitative Groundwater Risk Assessment**

Bassetlaw Local Plan 2020-2038

1.1.6 The policies set out in Table 1.4 are considered relevant to geology and hydrogeology.

Table 1.4 – Bassetlaw Local Plan 2020-2038 policies relevant to geology and hydrogeology

Policy	Where this is covered in the Application
Policy 47: Contaminated and Unstable Land Policy 47 relates to '*where development is considered to be on contaminated land and/or unstable land, through an appropriate contamination assessment and/or land instability risk assessment*'. Policy 47 goes on to present what the assessments should include.	**Application Document 6.12.A2 Appendix 12.2 Preliminary Contamination Risk Assessment** presents a preliminary contaminated land risk assessment. Unstable land is considered within the engineering design of the Project and appropriate intrusive ground investigation, and assessment will be undertaken to inform the geotechnical design of the Project in accordance with Commitment GH01 of **Application Document 7.3 Register of Environmental Actions and Commitments**.
Policy ST38: Biodiversity and Geodiversity Policy ST38 describes how the Council will '*seek to protect and enhance biodiversity and geodiversity of Bassetlaw*' and details how the mitigation hierarchy should be applied if necessary.	The assessment for sites of geological importance is presented in Section 12.9 of **Application Document 6.12 Chapter 12 Geology and Hydrogeology**. Effects on biodiversity are considered within **Application Document 6.8 Chapter 8 Ecology**.

Policy	Where this is covered in the Application
Policy ST51: Protecting Water Quality and Management Part 2 of Policy ST51 states '*Proposals within a Source Protection Zone will need to demonstrate that the Sherwood Sandstone Principal Aquifer and its groundwater resources and groundwater quality will be protected throughout the construction and operational phase of development, by demonstrating the satisfactory resolution of all relevant identified impacts*'.	The assessment of groundwater receptors and groundwater quality is presented in **Application Document 6.12.A4 Appendix 12.4 - Preliminary Qualitative Groundwater Risk Assessment** . The assessment concludes that the Project will not interact with any Source Protection Zone within the Bassetlaw area or the Sherwood Sandstone Principal Aquifer.

East Riding of Yorkshire and Kingston Upon Hull Joint Minerals Local Plan

1.1.7 The policies set out in Table 1.5 are considered relevant to geology and hydrogeology.

Table 1.5 – East Riding of Yorkshire and Kingston Upon Hull Joint Minerals Local Plan policies relevant to geology and hydrogeology

Policy	Where this is covered in the Application
EC6: Protecting Mineral Resources Policy EC6 relates to the protection of mineral resource in the East Riding of Yorkshire from other development that would impact any future minerals extraction. The Policy outlines when non-mineral development within Mineral Safeguarding Areas would be supported and what criteria needs to be demonstrated.	A Preliminary Qualitative Minerals Resource Assessment is presented within **Application Document 6.12.A3 Appendix 12.3 Preliminary Qualitative Minerals Resource Assessment** which identifies the minerals resources within the Order Limits and the potential effects of the Project on mineral resources.

Nottinghamshire Minerals Local Plan

1.1.8 The policies set out in Table 1.6 are considered relevant to geology and hydrogeology.

Table 1.6 – Nottinghamshire Minerals Local Plan policies relevant to geology and hydrogeology

Policy	Where this is covered in the Application
SP7: Minerals Safeguarding, Consultation Areas and Associated Minerals Infrastructure Policy SP7 relates to the protection of mineral resource in the Nottinghamshire area from other development that would impact any future minerals extraction. The Policy outlines when non-mineral development within Mineral Safeguarding Areas would be supported and what criteria needs to be demonstrated.	A Preliminary Qualitative Minerals Resource Assessment is presented within **Application Document 6.12.A3 Appendix 12.3 Preliminary Qualitative Minerals Resource Assessment** which identifies the minerals resources within the Order Limits and the potential effects of the Project on mineral resources.

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