

Northern Gateway (JPA1.1)

Environmental Statement

Volume 1:

Primary Report and Supporting Graphics



Contents

Chapter 1: Introduction

Figure 1.1: Assessment Boundary

Figure 1.2: Application Boundary

Chapter 2: Approach to EIA

Chapter 3: Site Context

Figure 3.1: Existing Topography Plan

Chapter 4: Development Specification – Project for Assessment

Figure 4.1: Project for Assessment – EIA Assessment Plan 1, Uses

Figure 4.2: Project for Assessment – EIA Assessment Plan 2, Scale

Figure 4.3: Project for Assessment – EIA Assessment Plan 3, Excavation, Retention and Demolition

Chapter 5: Development Specification – Proposed Scheme

Figure 5.1: Proposed Scheme – Parameter Plan 1, Uses

Figure 5.2: Proposed Scheme – Parameter Plan 2, Scale

Figure 5.3: Proposed Scheme – Parameter Plan 3, Excavation, Retention and Demolition

Chapter 6: Consideration of Alternatives

Chapter 7: Socio-Economics and Human Health

Figure 7.1: Socio-Economics and Human Health Study Area Plan

Chapter 8: Transport and Access

Figure 8.1: Pedestrian Infrastructure Plan

Figure 8.2: Cycle Infrastructure Plan

Figure 8.3: PRoW Plan

Figure 8.4: ES Transport and Access – Full Study Area

Figure 8.5: ES Transport and Access – Links for Assessment

Chapter 9: Noise and Vibration

Figure 9.1: Noise Sensitive Receptor Location Plan

Figure 9.2: Noise Monitoring Location Plan

Figure 9.3: Traffic Noise Sensitive Receptor Location Plan

Chapter 10: Air Quality

Figure 10.1: Study Area

Figure 10.2: LAQM Monitoring Locations

Figure 10.3: Project Specific Monitoring Locations

Figure 10.4: Receptors

Figure 10.5: Wind Rose Data

Chapter 11: Biodiversity

Figure 11.1: Statutory Designated Sites

Figure 11.2: Non Statutory Designated Sites

Figure 11.3: Survey Area

Figure 11.4: Badger Survey Results

Figure 11.5: Transect 1 Survey Results

Figure 11.6: Transect 2 Survey Results

Figure 11.7: Transect 3 Survey Results

Figure 11.8: Transect 4 Survey Results

Figure 11.9: Transect 5 Survey Results

Figure 11.10: Transect 6 Survey Results

Figure 11.11: Transect 7 Survey Results

Figure 11.12: Bat Emergence and Statics Plan

Figure 11.13: Bird Survey Transect Routes

Figure 11.14: Breeding Bird Survey Results

Figure 11.15: Proposed Scheme Habitats Plan

Figure 11.16: Project for Assessment Habitats Plan

Figure 11.17: Amphibian Surveys Overview

Figure 11.18: Amphibian Surveys North

Figure 11.19: Amphibian Surveys East

Figure 11.20: Amphibian Surveys South

Figure 11.21: Amphibians Surveys West

Figure 11.22: Otter and Water Vole Survey Area

Figure 11.23: Reptile Survey Results

Chapter 12: Hydrology, Flood Risk, and Water Quality

Figure 12.1: Study Area

Figure 12.2: Location of sensitive receptors

Figure 12.3: Cumulative Projects watersheds

Figure 12.4: Flood Zones

Chapter 13: Ground Conditions and Contamination

Figure 13.1: Coal Mining Features Plan

Figure 13.2: Geology Plan

Figure 13.3: Contaminant Constraints Plan

Figure 13.4: Historical Borehole Location Plan

Figure 13.5: Peal Investigation – Superficial Geology

Chapter 14: Agricultural and Soils

Figure 14.1: Agricultural Land Classification

Chapter 15: Archaeology

Figure 15.1: Plan of Historic Environment Record Data

Chapter 16: Built Heritage

Figure 16.1: Heritage Asset Plan

Figure 16.2: Heritage Asset Plan – Retention / Demolition

Figure 16.3: Heritage Asset Plan – HER Entries (Buildings)

Chapter 17: Landscape and Visual

Figure 17.1: Planning Policy and Designations

Figure 17.2: Site Location and Context

Figure 17.3: Topography

Figure 17.4: Published Landscape Character

Figure 17.5: ZTV and VP Locations

Chapter 18: Climate Change

Chapter 19: Assessment of Cumulative Effects

Figure 19.1: Cumulative Project Plan

Chapter 20: Summary – Project for Assessment

Chapter 21: Summary – Proposed Scheme

Glossary of Key Terms

Term	Description
The Applicant	Northern Gateway Development Vehicle LLP (NGDV).
Project	The design, planning and execution of Northern Gateway JPA 1.1.
Project for Assessment	The wider, comprehensive development project including the facilitating infrastructure.
Proposed Scheme	The development for which outline planning permission is sought through the Application.
Application	The cross-boundary application for outline planning permission (all matters reserved) for the Proposed Scheme, submitted by the Applicant to the Councils.
Assessment Boundary	The spatial footprint which is the maximum extent for the permanent and temporary works associated with the Project for Assessment (shown in Figure 1.1).
Application Boundary	The spatial footprint which is the maximum extent for the permanent and temporary works associated with the Proposed Scheme (this is shown in Figure 1.2).
Potential off-site ecological mitigation area (POSEMA)	An area of land which may contribute to the required support to the delivery of Biodiversity Net Gain (BNG) or/and compensatory habitat.
Councils	The collective term to be used when referring to Bury Council (BC) and Rochdale Borough Council (RBC).
Development Specification	A description of the Project for Assessment/Proposed Scheme, including a series of strategies that are integral to the project and a description of how the Project for Assessment/Proposed Scheme is likely to be constructed and anticipated timescales. This description, together with a series of plans form the basis of the technical assessments presented in ES.
EIA Assessment Plans	Plans which define the parameters 'spatially' for the Project for Assessment. The information contained on the 'Other Plans' are the equivalent to that of Parameter Plans but the 'Other Plans' will not support a planning application.
Parameter Plans	Plans which define the parameters 'spatially' for the Proposed Scheme to which subsequent reserved matters submissions will adhere to.