

Chapter 13: Cumulative Effects

Land off Duke's Park, Woodbridge

ENVIRONMENTAL STATEMENT

November 2015

13.1 INTRODUCTION

- 13.1.1 The ES has been prepared to comply with the Town and Country Planning (Environmental Impact Assessment) Regulations 2011 ("2011 Regulations").
- 13.1.2 An assessment of each topic and the likely significant effects of the Project have been prepared following the methodology set out within Chapter 1 of the ES.

13.2 PROJECT DESIGN AND ENVISAGED MEASURES

- 13.2.1 The Project includes measures (both design and operation proposals) to ameliorate any otherwise adverse environmental effects or enhance beneficial effects. The Project Description (Chapter 2) and Design sections of the ES describe the Project.
- 13.2.2 Table 9.1 below lists each of the assessment topics and identifies any likely significant effects of the Project. The table lists construction effects, as well as the long term effects of the Project.

13.3 EFFECTS

- 13.3.1 The majority of adverse construction effects will be prevented by assessing and mitigating these potential effects. Some construction effects are unavoidable; the construction effects identified are transitory and localised in nature.
- 13.3.2 The Project aims to create a sustainable community by ensuring efficient use of land, promoting low impact modes of travel and achieving very good standards of energy efficiency and resource consumption.
- 13.3.3 The Project will ensure site wide sustainability such as construction management, health and well-being, energy, water minimisation and surface water attenuation, materials, waste management, pollution reduction and the improvement of existing and creation of new ecological habitat to enhance local biodiversity, particularly through the creation of open space and an ecological buffer.
- 13.3.4 The ES has assessed the impact of the Project on Socio-Economic Impacts, Landscape and Visual Resources, Ecology and Nature Conservation, Drainage, Traffic, Transport and Access, Cultural Heritage, Air Quality and Noise.

Table 13.1 Likely significant effects of the Project		
TOPIC (ES Chapter Reference)	CONSTRUCTION EFFECTS	LONG TERM EFFECTS
Socio-Economic Impacts (4)	Suffolk Coastal: Minor beneficial Woodbridge: Substantial beneficial	Negligible
Landscape & Visual Resources (6)	Moderate adverse	Moderate Adverse

Table 13.1 Likely significant effects of the Project		
TOPIC (ES Chapter Reference)	CONSTRUCTION EFFECTS	LONG TERM EFFECTS
Ecology and Nature Conservation (7)	N/A (assessed individually for each receptor)	Ranging from neutral to moderate beneficial. Minor adverse arising from loss of common cudweed from the site.
Drainage (8)	Not Significant (if mitigation measures outlined in ES chapter are followed)	Slightly Significant (if mitigation measures outline in ES chapter are followed)
Traffic, Transport and Access (9)	Negligible	Minor / moderate / positive
Cultural Heritage (10)	Negligible effect on one identified receptor (1 top Street)	Negligible effect on one identified receptor (1 top Street)
Air Quality and Odour (11)	Not significant	Not Significant
Noise and Vibration (12)	Negligible, with site specific mitigation measures in place. However, the construction operations may occasionally have a short term, minor to moderate adverse impact at sensitive receptors located in the immediate vicinity of the construction phases over The Project site	Existing Sensitive Receptors: None Proposed Residential Receptors: Negligible

13.4 CUMULATIVE EFFECTS ARISING FROM THE PROJECT AND OTHER DEVELOPMENTS

13.4.1 In terms of other, committed development in the vicinity of the Project, the cumulative impacts are predicated to be as follows.

Table 13.2 Likely significant effects of the cumulative effects		
TOPIC (ES Chapter Reference)	CONSTRUCTION EFFECTS	LONG TERM EFFECTS
Socio-Economic Impacts (4)	Negligible beneficial	Suffolk Coastal: Negligible beneficial Woodbridge: Minor beneficial
Landscape & Visual Resources (6)	Potential minor adverse effects arising from East Anglia offshore Wind One Underground Cabling dependent on timing of construction, no combined or sequential cumulative effects from other cumulative sites	Potential minor adverse effects arising from East Anglia offshore Wind One Underground Cabling dependent on timing of construction, no combined or sequential cumulative effects from other cumulative sites
Ecology and Nature Conservation (7)	Potential major adverse effects arising from disturbance impacts to Deben Estuary SPA if no mitigation.	Neutral taking into account mitigation.
Drainage and Flood Risk (8)	Not Significant	Not Significant
Traffic and Transport (9)	Negligible	Minor / moderate / positive
Cultural Heritage (10)	No cumulative effects predicted	No cumulative effects predicted
Air Quality and Odour (11)	Negligible	Negligible
Noise and Vibration (12)	N/A	Existing Sensitive Receptors: None Proposed Residential Receptors: Negligible