



Galloper Wind Farm Project
Habitats Regulations Assessment Report - Checklist
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Galloper Wind Farm Limited



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Habitats Regulations Assessment Report -
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GALLOPER WIND FARM HABITATS REGULATION ASSESSMENT REPORT

APPENDIX F

HRA REPORT – APPENDICES FOR ADVICE NOTE 10 (HRA CHECKLISTS)

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Name of Project: Galloper Wind Farm

Date: October 2011

Name, location and EU code of European Sites:

The Alde-Ore Estuary SPA, Ramsar and European Marine Site – UK9009112, Suffolk

The Outer Thames SPA – UK9020286, Outer Thames Estuary

The Sandlings SPA – UK9020286, Suffolk

The Minsmere to Walberswick SPA and Ramsar – UK9009101, Suffolk

The Flamborough Head and Bempton Cliffs SPA – UK9006101, Humberside/North Yorkshire

The Orfordness to Shingle Street SAC – UK0014780, Suffolk

Alde, Ore and Butley Estuaries SAC – UK0030076, Suffolk

Minsmere to Walberswick Heaths and Marshes SAC – UK0012809

The Margate and Long Sands candidate Special Area of Conservation (cSAC) – UK0030371, Outer Thames Estuary

APPENDIX 1 – HRA SCREENING CHECKLIST

The HRA Screening checklist has not been included as part of this Appendix as the information required is provided in the HRA Screening report (GWFL, 2011). The following appendices are relevant to the HRA Report and have been used as a guide to produce the HRA Report.

APPENDIX 2 – NO SIGNIFICANT EFFECTS REPORT CHECKLIST

2A- NO SIGNIFICANT EFFECTS REPORT			
Is the following information provided within the HRA report?	Tick as appropriate		Cross refer to relevant sections in the HRA report or the ES, if appropriate**
	Yes	No	
A description confirming if the project is directly connected with or necessary to the management of the site (provide details)		✓	The proposed project is not directly connected with or necessary to the management of the sites assessed
Other projects or plans that together with the project being assessed could have effects on the site	✓		See Section 3.5 of the HRA Report
Defined boundaries for the assessment <i>(provide details of responsibility (for consenting, ownership or development) regarding other projects/plans and the name and location of other projects/plans (provide maps where available))</i>	✓		See Section 3.5 of the HRA Report and Figure 3.1
5.1 AN ASSESSMENT OF THE SIGNIFICANCE OF EFFECTS, INCLUDING MITIGATION			
A description of how the project is likely to affect the European site (alone or in combination with other plans and projects) Include direct and indirect effects and explain how the assessment was carried out	✓		See Section 6.2 and 6.3 of the HRA Report (in particular Table 6.2)
An explanation of why these effects are not considered significant	✓		See Section 6.2 and 6.3 of the HRA Report (in particular Table 6.2)

2B - RESULTS OF CONSULTATION			
Is the following information provided within the HRA report?	Tick as appropriate		Cross refer to relevant sections in the HRA report and/or the ES/Consultation Report if appropriate**
	Yes	No	
The name(s) of agency(ies) or body(ies) consulted (provide contact name and telephone or e-mail address, date of consultation etc)	✓		Detail of consultation undertaken is provided in Section 3.3 and Appendix A of the HRA Report. Detail is also provided in Chapter 7 Consultation of the GWF ES
A summary of their response	✓		Detail of consultation responses is provided in Section 3.3 and Appendix A of the HRA Report. Detail is also provided in Chapter 7 Consultation of the GWF ES
The date when formal s.42 consultation commenced	✓		Formal consultation commenced in June 2011. Detail of consultation undertaken is provided in Section 3.3 and Appendix A of the HRA Report. Detail is also provided in Chapter 7 Consultation of the GWF ES
DATA COLLECTED TO CARRY OUT THE ASSESSMENT			
Is the following information provided within the HRA report?	Tick as appropriate		Cross refer to relevant sections in the HRA report or the ES, if appropriate**
	Yes	No	
The name and qualifications of the person who carried out the assessment	✓		See Table 3.2: Assessors credentials
The sources of data e.g. field studies, existing records, consultation	✓		Information sources used to support the assessment have been referenced throughout the HRA Report (see Section 9 for full list of references).
The level of, and confidence in, assessment e.g. desk top, full assessment	✓		Assessment methodology is provided in Section 3, further details pertaining to methodology underlying the offshore ornithological assessment are provided in

			section 11.3 of the Offshore Ornithology Chapter (and section 2 of Technical Appendix 11.A) of the GWF ES
The full results of the assessment <i>(if provided in other documents please provide reference)</i>	✓		Full results are presented in Section 6.2 to 6.3 of the HRA Report. Further details pertaining to the ornithological assessment results are presented in sections 11.6 to 11.10 of the Offshore Ornithology Chapter of the GWF ES (and section 4/5 of Technical Appendix 11.A).
An overall conclusion	✓		Overall conclusions of the HRA are presented in Section 8

APPENDIX 3 – INFORMATION TO INFORM APPROPRIATE ASSESSMENT CHECKLIST

3A - INFORMATION TO INFORM APPROPRIATE ASSESSMENT (IF REQUIRED)			
Is the following information provided within the HRA report?	Tick as appropriate		Cross refer to relevant sections in the HRA report or the ES, if appropriate**
	Yes	No	
An Executive Summary	✓		An executive summary is provided for the HRA, this includes a summary of the information to inform appropriate assessment
The Characteristics of European site (See Checklist 1B)	✓		See Section 4 of the HRA Report, additional information relevant to the Alde-Ore Estuary SPA (which is the only site included in the information to inform appropriate assessment) is provided in Section 7. Natura 2000 data forms are also provided in Appendix E
A description of the assessment techniques, including details of how impacts on integrity are assessed ¹	✓		Detail on the assessment methodology is provided in Section 7. Further information on the ornithological assessment methodology is detailed in section 11.3 of the Offshore Ornithology Chapter (and in section 2 of Technical Appendix 11.A) of the GWF ES
A reference to the sources of information used in the assessment	✓		Information sources used to support the assessment have been referenced throughout the HRA Report (see Section 9 for full list of references)
An assessment of significant residual impacts on qualifying interests against the conservation objectives for each designated feature	✓		An assessment is provided in Section 7 of the HRA Report and a summary of the outcome is provided in Section 8

¹ Where reference is made to guidance or technical advice, the developer is required to provide an accurate reference and where possible an up to date web-link
Appendices for Advice note 10: Habitat Regulations Assessment

<i>(Given the nature conservation value of the sites in a European context, any residual impact on a qualifying interest that in the view of the developer was greater than 'negligible' would be considered significant)</i>			
A description of how the project will affect qualifying species and qualifying habitats Acknowledge uncertainties and any gaps in information	✓		Described in the assessment is provided in Section 7 of the HRA Report and a summary of the outcome is provided in Section 8
A description of the anticipated duration and reversibility of the impacts Acknowledge uncertainties and any gaps in information	✓		Described in the assessment is provided in Section 7 of the HRA Report and a summary of the outcome is provided in Section 8
A description of how the project has the potential to cause changes to the vital site characteristics (e.g. nutrient balance) that determine how the site functions as a habitat or ecosystem*		✓	Not relevant as the information to inform the appropriate assessment concentrates on the potential impacts upon lesser black-back gull as a result of collision mortality. Impacts have been considered in Section 6 where it has been concluded that either alone or in-combination with other projects and activities, there will be no LSE due to the effects of direct habitat loss, disturbance, displacement or barrier formation.
A description of how the project has the potential change the dynamics of the relationships (between, for example, soil and water or plants and animals) that define the structure and/or function of the site*		✓	Not applicable to the parameter under assessment
A description of how the project has the potential to interfere with predicted or expected natural changes to the site (such as water dynamics or chemical composition)*		✓	Not applicable to the parameter under assessment
A description of how the project has the potential to reduce the area of key habitats*		✓	Not relevant as the information to inform the appropriate assessment concentrates on the potential impacts upon lesser black-back gull as a result of collision mortality.

			Impacts have been considered in Section 6 where it has been concluded that either alone or in-combination with other projects and activities, there will be no LSE due to the effects of direct habitat loss, disturbance, displacement or barrier formation.
A description of how the project has the potential to reduce the population of key species*	✓		Assessed within Section 7 of the HRA Report
A description of how the project has the potential to change the balance between key species*		✓	Not applicable to the parameter under assessment
A description of how the project has the potential to reduce the diversity of species and habitat on the site*	✓		Assessed within Section 7 of the HRA Report (through identifying potential changes to the lesser black-backed gull population).
A description of how the project has the potential to result in disturbance that could affect population size or the balance between key species*	✓		Impacts on lesser black-backed gulls at the Alde-Ore Estuary SPA are assessed within Section 7 of the HRA Report
A description of how the project has the potential to result in fragmentation of species or habitat*	✓		Impacts on lesser black-backed gulls at the Alde-Ore Estuary SPA are assessed within Section 7 of the HRA Report
A description of how the project has the potential to result in loss or reduction of qualifying features (e.g. tree cover, tidal exposure, annual flooding, etc)*	✓		Impacts on lesser black-backed gulls at the Alde-Ore Estuary SPA are assessed within Section 7 of the HRA Report
A description of how the project has the potential to disrupt those factors that help to maintain the favourable conditions of the site*	✓		Impacts on lesser black-backed gulls at the Alde-Ore Estuary SPA are assessed within Section 7 of the HRA Report
A description of how the project has the potential to interfere with the balance, distribution and density of key species that are the	✓		Impacts on lesser black-backed gulls at the Alde-Ore Estuary SPA are assessed within Section 7 of the HRA

indicators of the favourable condition of the site*			Report
A description of how the project has the potential to interrupt or cause delays in progress towards achieving the conservation objectives of the site*	✓		See Section 7 of the HRA Report
A description of how the integrity of the site (determined by structure and function and conservation objectives) is likely to be affected by the project (<i>e.g. loss of habitat, disturbance, disruption, chemical changes, hydrological changes and geological changes, etc.</i>)	✓		See Section 7 of the HRA Report, assessment outcome is summarised in Section 8
An acknowledgment of any uncertainties and any gaps in information	✓		See Section 7 of the HRA Report

* Descriptions should include consideration of the project either alone or in combination with other plans and projects

3B - MITIGATION MEASURES (INCLUDING s174 PLANNING OBLIGATIONS AND REQUIREMENTS)

Is the following information provided within the HRA report?	Tick as appropriate		Cross refer to relevant sections in the HRA report, DCO and/or the ES/s174 Heads of Terms ² if appropriate**
	Yes	No	
Mitigation measures to be introduced		✓	No significant adverse impacts on the integrity of the Alde-Ore SPA are predicted. Details of existing management measures that will serve to further lower the risk of an adverse effect on the qualifying features under question are provided within Section 7 of the HRA Report.

² Developers should agree at least the heads of terms of any development consent obligation with the relevant local authority before an application is submitted. Ideally a fully drafted agreement (or unilateral undertaking) which has been consulted upon and referred to in the consultation report should be included with the application.

An explanation of how these measures would avoid the adverse effects on the integrity of the site		✓	Not applicable
A description of what the residual effect on site or species would be		✓	Not applicable
An explanation of how these effects would have an in combination impact with any other plans or projects		✓	Not applicable
Evidence of how they would be implemented and by whom		✓	Not applicable
Evidence of degree of confidence in their success		✓	Not applicable
A timescale, relative to the project, for implementation		✓	Not applicable
An explanation of the proposed monitoring scheme and how any mitigation failure will be addressed		✓	Not applicable

3C - RESULTS OF CONSULTATION

Is the following information provided within the HRA report?	Tick as appropriate		Cross refer to relevant sections in the HRA report, and/or the ES/Consultation Report if appropriate**
	Yes	No	
The name(s) of agency(ies) or body(ies) consulted (provide contact name and telephone or e-mail address, date of consultation etc)	✓		Detail of consultation undertaken is provided in Section 3.3 and Appendix A of the HRA Report. Detail is also provided in Chapter 7 Consultation of the GWF ES
A summary of their response	✓		Detail of consultation responses is provided in Section 3 and Appendix A of the HRA Report

DATA COLLECTED TO CARRY OUT THE ASSESSMENT			
Is the following information provided within the HRA report?	Tick as appropriate		Cross refer to relevant sections in the HRA report or the ES, if appropriate**
	Yes	No	
The name and qualifications of the person who carried out the assessment	✓		See Table 3.2 Assessors credentials
The sources of data e.g. field studies, existing records, consultation	✓		Information sources used to support the assessment have been referenced throughout the HRA Report (see Section 9 for full list of references)
The level of, and confidence in, assessment e.g. desk top, full assessment	✓		Assessment methodology is provided in Section 3, further details pertaining to methodology underlying the offshore ornithological assessment are provided in section 11.3 of the Offshore Ornithology Chapter (and section 2 of Technical Appendix 11.A) of the GWF ES
The full results of the assessment (<i>if provided in other documents please provide reference</i>)	✓		Full results are presented in Section 7 of the HRA Report (a summary of the outcome is provided in Section 8). Further details pertaining to the ornithological assessment results are presented in sections 11.6 to 11.10 of the Offshore Ornithology Chapter (and section 4/5 of Technical Appendix 11.A) of the GWF ES
An overall conclusion	✓		Overall conclusions of the HRA are presented in Section 8

The following checklists have are not considered necessary for the proposed GWF Project as a result of there being no adverse effect on integrity at the Alde Ore SPA either in isolation or in-combination:

APPENDIX 4 – ASSESSMENT OF ALTERNATIVE SOLUTIONS CHECKLIST

APPENDIX 5 – IROPI CHECKLIST

APPENDIX 6 – COMPENSATORY REASONS CHECKLIST