

**Exploratory Well Site on Northup Field, South of Boxal Bridge, Kirdford Road,  
Wisborough Green, West Sussex**

**Environmental Statement Addendum**

<b>Issue/Revision</b>	<b>Draft</b>	<b>Final</b>
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## A. PREAMBLE

- 1.1 In September 2013, Celtique Energie Weald Limited (hereafter referred to as the “Applicant”) submitted a planning application (Ref. WSCC/083/13/KD) to West Sussex County Council (WSCC) seeking full planning permission for the installation of a well and associated infrastructure, including access road and soil bunds, for the drilling of a vertical borehole and contingent horizontal borehole from the same well for the exploration, testing and evaluation of hydrocarbons for a temporary period of three years. These activities are collectively referred to hereafter as the “Proposed Development”.
- 1.2 An Environmental Statement (ES) was prepared to accompany the planning application in accordance with the Town and Country Planning (Environmental Impact Assessment) Regulations 2011 (SI 1824) (the “EIA Regulations”).
- 1.3 A formal request for further information under Regulation 22 of the EIA Regulations was issued by WSCC on 4<sup>th</sup> December 2013 (Appendix A.1). This requires the ES to be updated with further information to address comments from WSCC and statutory consultees. A number of requests for clarification were also received.
- 1.4 The Applicant needs to retain flexibility over the rig specification used on the Application Site. The exact rig to be used cannot be determined at this stage as it depends on rig availability for lease. Drilling rigs come in different shapes and sizes, and each has its own ancillary equipment which can be set up in a variety of ways. Parameters have therefore been set, which cover all the rig types and equipment that may be used.
- 1.5 This document updates the ES to account for the inclusion of further information and to assess the ‘worst case’ scenario defined by the parameters. Chapter 4A Project Description contains the parameters assessed and includes parameter plans as figures.

## Methodology

1.6 The submitted plans have been updated in response to comments (see Appendix A.1). The amendments are summarised as follows:

- Inclusion of contours and spot heights to show existing and proposed levels;
- Amended sections;
- Increased height of security fence to 4m;
- Elevational view of the Application Site entrance included; and
- Access track plan and construction phase plans amended to show proposed surfacing materials.

1.7 The ES has been updated, where necessary, with respect to the following issues:

- Clarification of the 'worst case' scenario assessed so that likely significant effects on the environment would be no worse regardless of the rig specification and site layout which would be secured through a planning condition (Chapter 4A Project Description);
- Amended description and refinement of details around borehole casing in Chapter 4A Project Description;
- Clarification of phasing and rig mobilisation and demobilisation in Chapter 4A Project Description;
- Clarification on gas venting and flaring in Chapter 4A Project Description;
- Clarification of plans for access track removal during the restoration period in Chapter 4A Project Description;
- Clarification of how the primary and secondary search areas were defined in Chapter 5A Need and Alternative Sites;
- Clarification of the phasing of the Proposed Development and working hours for the restoration phase in Chapter 6A Construction Programme;
- In Chapter 7A Ecology, assessment of the updated lighting proposals on bats and associated ecology; clarification of badger sett locations; further information on

bat survey methodology and submission of data; and cross referencing to noise and vibration assessment for horses and livestock;

- In Chapter 9A Noise and Vibration, expanded assessment of vibration impacts; assessment of noise and vibration impacts on horses and livestock; further information on the potential for low frequency and tonal noises associated with the Proposed Development and on the consideration of prevailing wind conditions and screening/ topography; submission of a simplified noise report as an appendix and a noise contour plan as a figure to support the assessment;
- In Chapter 10A Transport and Access, addressing of WSCC Highways comments applicable to the ES and setting out flood risk mitigation measures for highways;
- In Chapter 12A Lighting, further information on the lighting arrangements for the Application Site, including mitigation measures and an assessment of potential light spill from the Application Site;
- Submission of an Air Quality ES chapter (this discipline was scoped out of the ES during formal EIA Scoping); and
- Clarification of terminology used throughout the ES.

1.8 The following terminology is used throughout the addendum:

- The proposals assessed by the ES in 2013: the “Proposed Development”;
- The site proposed to be developed: the “Application Site”;
- The ES submitted alongside the planning application in September 2013: the “ES”;
- This document, which updates the ES: the “ES Addendum”.

1.9 Text added to chapters is indicated by **bold underlining**. Deleted text is identified by strikethrough text as follows: ~~deleted~~. This Preamble and Chapter 15 Air Quality are entirely new so normal text is used.



## Structure of the ES Addendum

- 1.10 The structure of the ES Addendum and chapter authors is set out in **Table A.1**. The ES Addendum is designed to be read alongside the ES. Chapter numbers correspond to those used in the ES, with a new chapter (Chapter 15) provided to assess the effects on air quality.
- 1.11 Updated chapters and figures from ES Volume 1 and appendices from ES Volume 2 are all contained in the main volume of the ES Addendum. Figures and appendices follow the relevant chapter in the document. Updated references are provided, where required, at the end of the chapters. A Non-Technical Summary Addendum has been submitted as a standalone document and updates the Non-Technical Summary of the ES.

**Table A.1 Revised ES Structure**

ES Chapter	Author	ES Addendum Chapter
N/A	Barton Willmore	Chapter A. Preamble
Chapter 1 Introduction	Celtique Energie Weald Ltd	Chapter not updated
Chapter 2 EIA Methodology	Celtique Energie Weald Ltd	Chapter not updated
Chapter 3 Application Site and Surroundings	Celtique Energie Weald Ltd	Chapter not updated
Chapter 4 Project Description	Barton Willmore/ Celtique Energie Weald Ltd	Chapter 4A Project Description
Chapter 5 Need and Alternative Sites	Barton Willmore/ Celtique Energie Weald Ltd	Chapter 5A Need and Alternative Sites
Chapter 6 Construction Programme & Management	Barton Willmore/	Chapter 6A Construction Programme & Management

ES Chapter	Author	ES Addendum Chapter
	Celtique Energie Weald Ltd	
Chapter 7 Ecology	URS	Chapter 7A Ecology
Chapter 8 Landscape & Visual	Terra Firma Consultancy	Chapter 8A Landscape & Visual
Chapter 9 Noise and Vibration	ACIA Engineering	Chapter 9A Noise and Vibration
Chapter 10 Transport and Access	Royal Haskoning DHV	Chapter 10A Transport and Access
Chapter 11 Ground and Groundwater Protection	Hydrock	Chapter 11A Ground and Groundwater Protection
Chapter 12 Lighting	Royal Haskoning DHV	Chapter 12A Lighting
Chapter 13 Socio-economics	Celtique Energie Weald Ltd	Chapter not updated
Chapter 14 Statement of Significance	Celtique Energie Weald Ltd	Chapter not updated
Chapter 15 Air Quality	Air Quality Consultants	New chapter prepared
Standalone - Non-Technical Summary	Barton Willmore	Non-Technical Summary Addendum

1.12 A number of standalone technical reports have also been submitted in response to comments received. They comprise the following:

- Arboricultural Assessment – amended to clarify works proposed to trees;
- Geoarchaeological Desk-top Study & Mitigation Proposals; and
- Geophysical Survey Report.

#### **Availability of the ES Addendum**

1.13 Additional copies of the ES Addendum are available for viewing by the public during normal office hours in the planning department of WSCC. Comments on ES Addendum should be sent to the address below:

County Development  
West Sussex County Council  
2<sup>nd</sup> Floor  
County Hall  
Chichester  
PO19 1RQ

Email: [strategic.planning@westsussex.gov.uk](mailto:strategic.planning@westsussex.gov.uk)

- 1.14 Additional paper copies of the ES Addendum can be purchased at a cost of £125. The Non-Technical Summary can be obtained free of charge. Copies of the ES Addendum and NTS can be obtained on CD for £25. All documents are available from:

Celtique Energie Weald Limited  
4<sup>th</sup> Floor Newlands House  
40 Berners Street  
London  
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