DOCUMENT EGD/3.4

Erratum to Proof of Evidence of James Dodds

BSc (Hons) DUC MSc CGeol FGS

Application for the retention of the existing Wressle-1 wellsite and access road and long-term production of hydrocarbons, Lodge Farm, Clapp Gate, Appleby, Scunthorpe DN15 0DB

PINS References

APP/Y2003/W/17/3173530
& APP/Y2003/W/17/3180606

27th October 2017

CONTENTS

1.0 INTRODUCTION

1.1 Following receipt of the Proof of Evidence from Dr McDonald prepared on behalf of North Lincolnshire Council, I identified errors in two paragraphs of my Proof of Evidence dated 6th October 2017 document EGD/3.2.

1.2 I have presented the corrected paragraphs below. The underlining highlights the words or phrases that have been changed.

2.0 CORRECTIONS

2.1 Paragraph 4.18 should read

The site was constructed with planning permission, prior to the First Application being submitted. The site was designed and constructed with an impermeable "Bentomat" membrane on a levelled surface, below a covering layer of Type 3 stone 300mm thick, and a sand protection layer 50mm thick. The elevation of the site surface is now 4.8mAOD, placing the membrane at 4.45mAOD.

2.2 Paragraph 4.19 should read

Aerial survey data (LiDAR) gathered in 2009 shows the original land surface to range from approximately 6mAOD (metres Above Ordnance Datum) on the western side of the site to 3.5mAOD on the eastern side, with the mid-point at approximately 4.1mAOD. The same data shows the bank height of the Ella Beck to fall from about 4.75mAOD at the western end of the site to 3.25mAOD on the upstream side of the beck crossing at the entrance to the site. In the event of a flood due to the culvert being blocked, the Ella Beck would fill to 3.25mAOD before spilling from its channel and flow in a north easterly direction along the southern side of the bridge, to re-enter Ella Beck on the downstream side of the culvert. Therefore, the impermeable membrane will, at 4.45mAOD, remain above a high water level in Ella Beck. Only in the event of a flood in excess of a 1 in 1000 year event would the full channel overtop.

2.3 These changes don't alter the conclusions but more accurately reflect the elevations around the edges of the site.

2.4 In order to assist the Inspector, I have included with this addendum a plan showing the LiDAR elevations, within the context of the site as Figure E1.

3.0 DECLARATION

3.1 The evidence which I have prepared and provide for these appeals references APP/Y2003/W/17/3173530 and 3180606 in this Erratum is true and has been prepared and is given in accordance with the guidance of my professional institution, the Geological Society of London, and I confirm that the opinions expressed are my true and professional opinions.

[redacted]

James Dodds MSc DUC CGeol FGS
27th October 2017

FIGURES

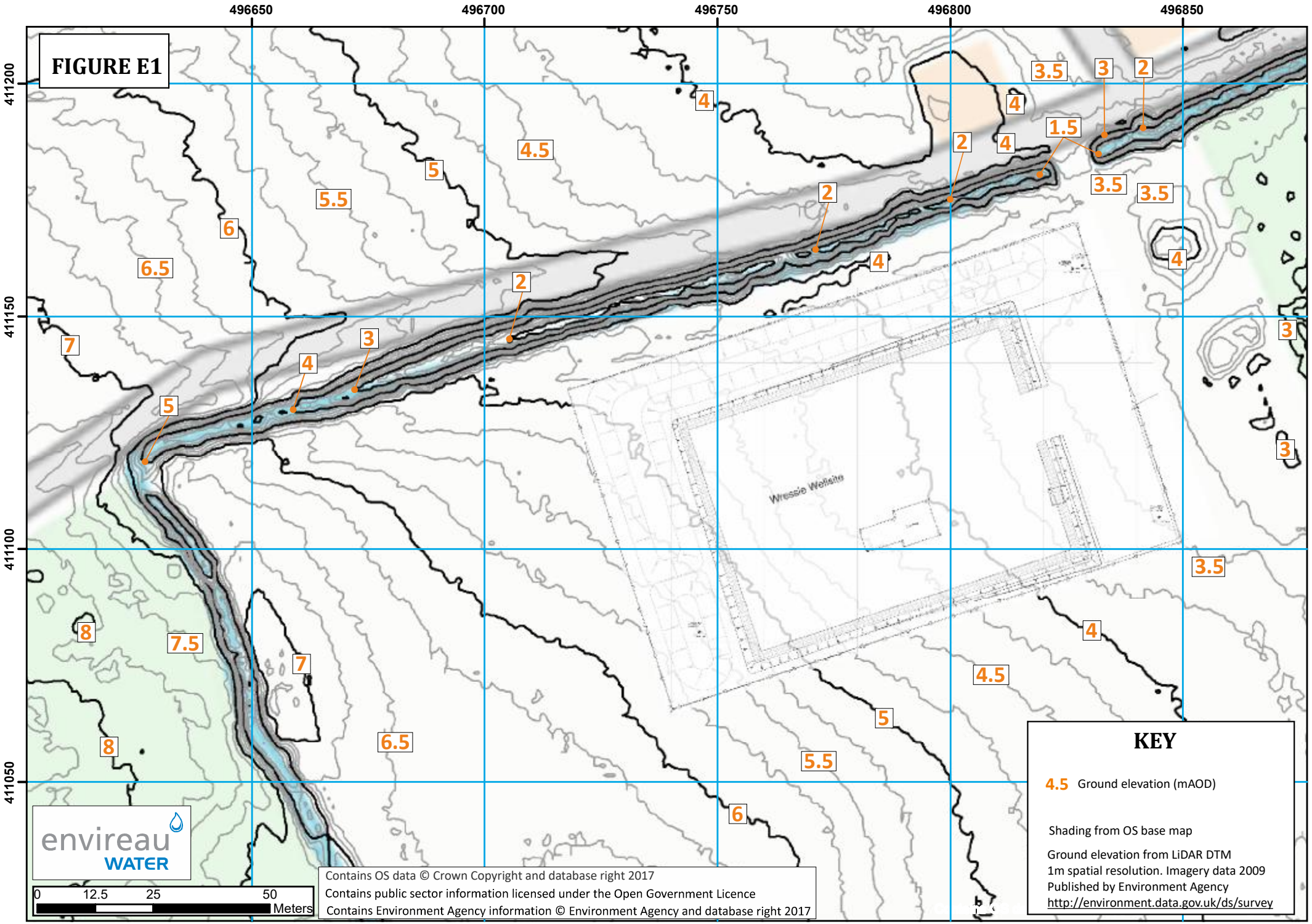
FIGURE E1
496650
496700
496750
496800
496850
411200
411150
411100
411050
Wressle Wellsite
KEY
4.5 Ground elevation (mAOD)
Shading from OS base map
Ground elevation from LiDAR DTM
1m spatial resolution. Imagery data 2009
Published by Environment Agency
http://environment.data.gov.uk/ds/survey
envireau WATER
0 12.5 25 50 Meters
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